



# LCD-TV

Chassis : N45A

Model : LN26A330J1D

LN32A330J1D

LN37A330J1D

LN40A330J1D

## ***SERVICE*** Manual

### TFT-LCD TV



LN26A330J1D/LN32A330J1D/  
LN37A330J1D/LN40A330J1D

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# 1. Precautions

## 1-1. Safety Precautions

Follow these safety, servicing and ESD precautions to prevent damage and to protect against potential hazards such as electrical shock.

### 1-1-1. Warnings

1. For continued safety, do not attempt to modify the circuit board.
2. Disconnect the AC power and DC power jack before servicing.

### 1-1-2. Servicing the LCD TV

1. When servicing the LCD TV, Disconnect the AC line cord from the AC outlet.
2. It is essential that service technicians have an accurate voltage meter available at all times. Check the calibration of this meter periodically.

### 1-1-3. Fire and Shock Hazard

Before returning the LCD TV to the user, perform the following safety checks:

1. Inspect each lead dress to make certain that the leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the LCD TV.
2. Inspect all protective devices such as nonmetallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor/capacitor networks, mechanical insulators, etc.
3. Leakage Current Hot Check (Figure 1-1):

**WARNING :** Do not use an isolation transformer during this test.

Use a leakage current tester or a metering system that complies with American National Standards Institute (ANSI C101.1, Leakage Current for Appliances), and Underwriters Laboratories (UL Publication UL1410, 59.7).

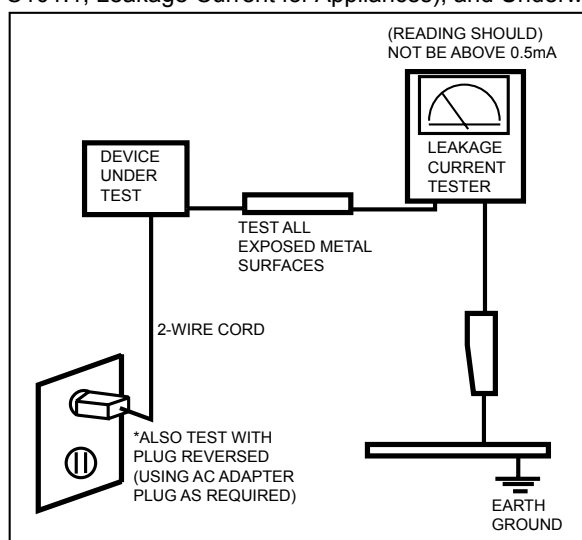


Figure 1-1. Leakage Current Test Circuit

4. With the unit completely reassembled, plug the AC line cord directly into a 120V AC outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including: metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.

### 1-1-4. Product Safety Notices

Some electrical and mechanical parts have special safety-related characteristics which are often not evident from visual inspection. The protection they give may not be obtained by replacing them with components rated for higher voltage, wattage, etc. Parts that have special safety characteristics are identified by  $\triangle$  on schematics and parts lists. A substitute replacement that does not have the same safety characteristics as the recommended replacement part might create shock, fire and/or other hazards. Product safety is under review continuously and new instructions are issued whenever appropriate.



## 1-2. Servicing Precautions

**WARNING:** An electrolytic capacitor installed with the wrong polarity might explode.

**Caution:** Before servicing units covered by this service manual, read and follow the Safety Precautions section of this manual.

**Note:** If unforeseen circumstances create conflict between the following servicing precautions and any of the safety precautions, always follow the safety precautions.

### 1-2-1 General Servicing Precautions

1. Always unplug the unit's AC power cord from the AC power source and disconnect the DC Power Jack before attempting to:  
(a) remove or reinstall any component or assembly, (b) disconnect PCB plugs or connectors, (c) connect a test component in parallel with an electrolytic capacitor.
2. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.
3. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the area around the serviced part has not been damaged.
4. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).
5. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500 V) to the blades of the AC plug. The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.
6. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.

## 1-3. Electrostatically Sensitive Devices (ESD) Precautions

Some semiconductor (solid state) devices can be easily damaged by static electricity. Such components are commonly called Electrostatically Sensitive Devices (ESD). Examples of typical ESD are integrated circuits and some field-effect transistors. The following techniques will reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. To avoid a shock hazard, be sure to remove the wrist strap before applying power to the LCD TV.
2. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of an electrostatic charge.
3. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ESDs.
4. Use only a grounded-tip soldering iron to solder or desolder ESDs.
5. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ESDs.
6. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.
7. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.  
**Caution:** Be sure no power is applied to the chassis or circuit and observe all other safety precautions.
8. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting your foot from a carpeted floor can generate enough static electricity to damage an ESD.

## **1-4. Installation Precautions**

1. For safety reasons, more than two people are required for carrying the product.
2. Keep the power cord away from any heat emitting devices, as a melted covering may cause fire or electric shock.
3. Do not place the product in areas with poor ventilation such as a bookshelf or closet. The increased internal temperature may cause fire.
4. Bend the external antenna cable when connecting it to the product. This is a measure to protect it from being exposed to moisture. Otherwise, it may cause a fire or electric shock.
5. Make sure to turn the power off and unplug the power cord from the outlet before repositioning the product. Also check the antenna cable or the external connectors if they are fully unplugged. Damage to the cord may cause fire or electric shock.
6. Keep the antenna far away from any high-voltage cables and install it firmly. Contact with the highvoltage cable or the antenna falling over may cause fire or electric shock.
7. When installing the product, leave enough space (10cm) between the product and the wall for ventilation purposes. A rise in temperature within the product may cause fire.

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## Memo

Model	LN26A330J1D	
Feature		
<div>▶ Digital-TV, RF, 3-HDMI, 2-Component, 1-A/V, 1-S-Video, D-DUB</div> <div>▶ Brightness : 500cd/m<sup>2</sup></div> <div>▶ Contrast Ratio : 800:1</div> <div>▶ Response time : 8ms</div>		
Specifications		
Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, Transmissive mode, Normally white, 26-inch viewable, 0.1405(H)x 0.4215(V)x 3mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 80 kHz (Automatic) Vertical : 56 Hz ~ 75 Hz (Automatic)	
Display Colors	16.2 million colors	
Maximum resolution	Horizontal : 1366 Pixels Vertical : 768 Pixels	
Input Signal	Analog 0.7 Vp-p ± 5% positive at 75Ω , internally terminated	
Input Sync Signal	H/V Separate, TTL, P. or N.	
Maximum Pixel Clock rate	310MHz	
Active Display Horizontal/Vertical	22.67 x 12.74 inches(575.769(H) x 323.712(V) mm)	
AC power voltage & Frequency	AC 110V ~ 220V, 60 Hz	
Power Consumption	<245 W ( < 1W, stand by )	
Dimensions Set (W x D x H)	26.37 x 8.5 x 19.7 inches(669.7 x 216 x 500.4 mm)_with stand 26.37 x 2.96 x 19.7 inches(669.7 x 75.1 x 446.1 mm)_without stand	
Weight (Set)	21.38 lbs (9.7kg)	
TV System	Tuning	Frequency Synthesize (Refer to detailed Frequency Table)
	System	ATSC, NTSC5.38
	Sound	NTSC-M, AC-3 Digital
Environmental Considerations	Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity : 10% ~ 80%, non-condensing Storage temperature : -13°F ~ 113°F (-25°C ~ 45°C) Storage Humidity : 5% ~ 95%, non-condensing	
Environmental Considerations	- MAX Internal speaker Out : Right => 10W, Left => 10W - BASS Control Range : -8 dB ~ + 8dB - TREBLE Control Range : -8 dB ~ +8 dB - Headphone Out : 10 mW MAX - Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz	
<b>Note:</b> Anynet+		

## 2. Product specifications

Model	LN32A330J1D	
Feature		
<div>▶ Digital-TV, RF, 3-HDMI, 2-Component, 1-A/V, 1-S-Video, D-DUB</div> <div>▶ Brightness : 500cd/m<sup>2</sup></div> <div>▶ Contrast Ratio : 800:1</div> <div>▶ Response time : 8ms</div>		
Specifications		
Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, Transmassive mode, Normally white, 32-inch viewable, 0.51075(H)x 0.51075(V)x 3mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 80 kHz (Automatic) Vertical : 56 Hz ~ 75 Hz (Automatic)	
Display Colors	16.7 million colors	
Maximum resolution	Horizontal : 1366 Pixels Vertical : 768 Pixels	
Input Signal	Analog 0.7 Vp-p ± 5% positive at 75Ω , internally terminated	
Input Sync Signal	H/V Separate, TTL, P. or N.	
Maximum Pixel Clock rate	310MHz	
Active Display Horizontal/Vertical	27.47 x 15.44 inches (697.6845(H) x 392.256(V)mm)	
AC power voltage & Frequency	AC 110V ~ 220V, 60 Hz	
Power Consumption	<245 W ( < 1W, stand by )	
Dimensions Set (W x D x H)	31.48 x 9.92 x 22.7 inches (799.6 x 252 x 576.5 mm)_with stand 31.48 x 3.11 x 20.56 inches (799.6 x 79 x 522.3 mm)_without stand	
Weight (Set)	28.88 lbs (13.1kg)	
TV System	Tuning	Frequency Synthesizer (Refer to detailed Frequency Table)
	System	ATSC, NTSC5.38
	Sound	NTSC-M, AC-3 Digital
Environmental Considerations	Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity : 10% ~ 80%, non-condensing Storage temperature : -13°F ~ 113°F (-25°C ~ 45°C) Storage Humidity : 5% ~ 95%, non-condensing	
Environmental Considerations	- MAX Internal speaker Out : Right => 10W, Left => 10W - BASS Control Range : -8 dB ~ +8dB - TREBLE Control Range : -8 dB ~ +8 dB - Headphone Out : 10 mW MAX - Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz	
Note: Anynet+		

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## 2. Product specifications

<b>Model</b>	<b>LN40A330J1D</b>	
<b>Feature</b>		
<ul style="list-style-type: none"> <li>▶ Digital-TV, RF, 3-HDMI, 2-Component, 1-A/V, 1-S-Video, D-DUB</li> <li>▶ Brightness : 500cd/m<sup>2</sup></li> <li>▶ Contrast Ratio : 800:1</li> <li>▶ Response time : 8ms</li> </ul>		
<b>Specifications</b>		
<b>Item</b>	<b>Description</b>	
LCD Panel	TFT-LCD panel, RGB vertical stripe, Transmassive mode, Normally white, 40-inch viewable, 0.648(H)x 0.648(V)x 3mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 80 kHz (Automatic) Vertical : 56 Hz ~ 75 Hz (Automatic)	
Display Colors	16.7 million colors	
Maximum resolution	Horizontal : 1366 Pixels Vertical : 768 Pixels	
Input Signal	Analog 0.7 Vp-p ± 5% positive at 75Ω , internally terminated	
Input Sync Signal	H/V Separate, TTL, P. or N.	
Maximum Pixel Clock rate	310MHz	
Active Display Horizontal/Vertical	37.48 x 21.69 inches(952.0(H) x 551.0(V) mm)	
AC power voltage & Frequency	AC 110V ~ 220V, 60 Hz	
Power Consumption	<265 W ( < 1W, stand by )	
Dimensions Set (W x D x H)	38.97 x 11.81 x 27.33 inches (989.8 x 300 x 694.3 mm)_with stand 38.97 x 3.22 x 25.03 inches (989.8 x 81.7 x 635.7 mm)_without stand	
Weight (Set)	41 lbs (18.6kg)	
TV System	Tuning	Frequency Synthesize (Refer to detailed Frequency Table)
	System	ATSC, NTSC5.38
	Sound	NTSC-M, AC-3 Digital
Environmental Considerations	Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity : 10% ~ 80%, non-condensing Storage temperature : -13°F ~ 113°F (-25°C ~ 45°C) Storage Humidity : 5% ~ 95%, non-condensing	
Environmental Considerations	- MAX Internal speaker Out : Right => 10W, Left => 10W - BASS Control Range : -8 dB ~ + 8dB - TREBLE Control Range : -8 dB ~ +8 dB - Headphone Out : 10 mW MAX - Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz	
<b>Note:</b> Anynet+, WISELINK		

## CHANNEL FREQUENCY TABLE

1. OUTPUT FREQUENCY : ANALOG fv:45.75MHz, fs:41.25MHz DIGITAL Fc:44MHz

2. TUNING STEP SIZE : FIRST PLL 250KHz SECOND PLL 62.5KHz



OSD	CH NO	AIR		BAND	CH NO			BAND	CH NO			CH NO		
		Air-DTV	Air-NTSC			Cable STD	Cable HRC			Cable IRC				
1	1								A-8	72.00		A-8	73.25	
2	2	57	55.25	V-L	2	55.25		V-L	2	54.00		2	55.25	
3	3	63	61.25	V-L	3	61.25		V-L	3	60.00		3	61.25	
4	4	69	67.25	V-L	4	67.25		V-L	4	66.00		4	67.25	
5	5	79	77.25	V-L	5	77.25		V-L	A-7	78.00		A-7	79.25	
6	6	85	83.25	V-L	6	83.25		V-L	A-6	84.00		A-6	85.25	
7	7	177	175.25	V-H	7	175.25		V-H	7	174.00		7	175.25	
8	8	183	181.25	V-H	8	181.25		V-H	8	180.00		8	181.25	
9	9	189	187.25	V-H	9	187.25		V-H	9	186.00		9	187.25	
10	10	195	193.25	V-H	10	193.25		V-H	10	192.00		10	193.25	
11	11	201	199.25	V-H	11	199.25		V-H	11	198.00		11	199.25	
12	12	207	205.25	V-H	12	205.25		V-H	12	204.00		12	205.25	
13	13	213	211.25	V-H	13	211.25		V-H	13	210.00		13	211.25	
14	14	473	471.25	UHF	A	121.25		MID	A	120.00		A	121.25	
15	15	479	477.25	UHF	B	127.25		MID	B	126.00		B	127.25	
16	16	485	483.25	UHF	C	133.25		MID	C	132.00		C	133.25	
17	17	491	489.25	UHF	D	139.25		MID	D	138.00		D	139.25	
18	18	497	495.25	UHF	E	145.25		MID	E	144.00		E	145.25	
19	19	503	501.25	UHF	F	151.25		MID	F	150.00		F	151.25	
20	20	509	507.25	UHF	G	157.25		MID	G	156.00		G	157.25	
21	21	515	513.25	UHF	H	163.25		MID	H	162.00		H	163.25	
22	22	521	519.25	UHF	I	169.25		MID	I	168.00		I	169.25	
23	23	527	525.25	UHF	J	217.25		SUPER	J	216.00		J	217.25	
24	24	533	531.25	UHF	K	223.25		SUPER	K	222.00		K	223.25	
25	25	539	537.25	UHF	L	229.25		SUPER	L	228.00		L	229.25	
26	26	545	543.25	UHF	M	235.25		SUPER	M	234.00		M	235.25	
27	27	551	549.25	UHF	N	241.25		SUPER	N	240.00		N	241.25	
28	28	557	555.25	UHF	O	247.25		SUPER	O	246.00		O	247.25	
29	29	563	561.25	UHF	P	253.25		SUPER	P	252.00		P	253.25	
30	30	569	567.25	UHF	Q	259.25		SUPER	Q	258.00		Q	259.25	
31	31	575	573.25	UHF	R	265.25		SUPER	R	264.00		R	265.25	
32	32	581	579.25	UHF	S	271.25		SUPER	S	270.00		S	271.25	
33	33	587	585.25	UHF	T	277.25		SUPER	T	276.00		T	277.25	
34	34	593	591.25	UHF	U	283.25		SUPER	U	282.00		U	283.25	
35	35	599	597.25	UHF	V	289.25		SUPER	V	288.00		V	289.25	
36	36	605	603.25	UHF	W	295.25		SUPER	W	294.00		W	295.25	
37	37	611	609.25	UHF	AA	301.25		HYPER	AA	300.00		AA	301.25	
38	38	617	615.25	UHF	BB	307.25		HYPER	BB	306.00		BB	307.25	
39	39	623	621.25	UHF	CC	313.25		HYPER	CC	312.00		CC	313.25	
40	40	629	627.25	UHF	DD	319.25		HYPER	DD	318.00		DD	319.25	
41	41	635	633.25	UHF	EE	325.25		HYPER	EE	324.00		EE	325.25	
42	42	641	639.25	UHF	FF	331.25		HYPER	FF	330.00		FF	331.25	
43	43	647	645.25	UHF	GG	337.25		HYPER	GG	336.00		GG	337.25	
44	44	653	651.25	UHF	HH	343.25		HYPER	HH	342.00		HH	343.25	
45	45	659	657.25	UHF	II	349.25		HYPER	II	348.00		II	349.25	
46	46	665	663.25	UHF	JJ	355.25		HYPER	JJ	354.00		JJ	355.25	
47	47	671	669.25	UHF	KK	361.25		HYPER	KK	360.00		KK	361.25	
48	48	677	675.25	UHF	LL	367.25		HYPER	LL	366.00		LL	367.25	
49	49	683	681.25	UHF	MM	373.25		HYPER	MM	372.00		MM	373.25	
50	50	689	687.25	UHF	NN	379.25		HYPER	NN	378.00		NN	379.25	
51	51	695	693.25	UHF	OO	385.25		HYPER	OO	384.00		OO	385.25	
52	52	701	699.25	UHF	PP	391.25		HYPER	PP	390.00		PP	391.25	
53	53	707	705.25	UHF	QQ	397.25		HYPER	QQ	396.00		QQ	397.25	
54	54	713	711.25	UHF	RR	403.25		HYPER	RR	402.00		RR	403.25	
55	55	719	717.25	UHF	SS	409.25		HYPER	SS	408.00		SS	409.25	
56	56	725	723.25	UHF	TT	415.25		HYPER	TT	414.00		TT	415.25	
57	57	731	729.25	UHF	UU	421.25		HYPER	UU	420.00		UU	421.25	
58	58	737	735.25	UHF	VV	427.25		HYPER	VV	426.00		VV	427.25	
59	59	743	741.25	UHF	WW	433.25		HYPER	WW	432.00		WW	433.25	
60	60	749	747.25	UHF	XX	439.25		HYPER	XX	438.00		XX	439.25	
61	61	755	753.25	UHF	YY	445.25		HYPER	YY	444.00		YY	445.25	
62	62	761	759.25	UHF	ZZ	451.25		HYPER	ZZ	450.00		ZZ	451.25	
63	63	767	765.25	UHF	AAA	457.25		HYPER	AAA	456.00		AAA	457.25	
64	64	773	771.25	UHF	BBB	463.25		HYPER	BBB	462.00		BBB	463.25	
65	65	779	777.25	UHF	CCC	469.25		ULTRA	CCC	468.00		CCC	469.25	
66	66	785	783.25	UHF	DDD	475.25		ULTRA	DDD	474.00		DDD	475.25	
67	67	791	789.25	UHF	EEE	481.25		ULTRA	EEE	480.00		EEE	481.25	
68	68	797	795.25	UHF	FFF	487.25		ULTRA	FFF	486.00		FFF	487.25	
69	69	803	801.25	UHF	GGG	493.25		ULTRA	GGG	492.00		GGG	493.25	



## 2. Product specifications

OSD	CH NO	AIR		BAND	CH NO	Cable STD	BAND	CH NO	Cable HRC	CH NO	Cable IRC
		Air-DTV	Air-NTSC								
70	70				HHH	499.25	ULTRA	HHH	498.00	HHH	499.25
71	71				III	505.25	ULTRA	III	504.00	III	505.25
72	72				JJJ	511.25	ULTRA	JJJ	510.00	JJJ	511.25
73	73				KKK	517.25	ULTRA	KKK	516.00	KKK	517.25
74	74				LLL	523.25	ULTRA	LLL	522.00	LLL	523.25
75	75				MMM	529.25	ULTRA	MMM	528.00	MMM	529.25
76	76				NNN	535.25	ULTRA	NNN	534.00	NNN	535.25
77	77				000	541.25	ULTRA	000	540.00	000	541.25
78	78				PPP	547.25	ULTRA	PPP	546.00	PPP	547.25
79	79				79	553.25	ULTRA	79	552.00	79	553.25
80	80				80	559.25	ULTRA	80	558.00	80	559.25
81	81				81	565.25	ULTRA	81	564.00	81	565.25
82	82				82	571.25	ULTRA	82	570.00	82	571.25
83	83				83	577.25	ULTRA	83	576.00	83	577.25
84	84				84	583.25	ULTRA	84	582.00	84	583.25
85	85				85	589.25	ULTRA	85	588.00	85	589.25
86	86				86	595.25	ULTRA	86	594.00	86	595.25
87	87				87	601.25	ULTRA	87	600.00	87	601.25
88	88				88	607.25	ULTRA	88	606.00	88	607.25
89	89				89	613.25	ULTRA	89	612.00	89	613.25
90	90				90	619.25	ULTRA	90	618.00	90	619.25
91	91				91	625.25	ULTRA	91	624.00	91	625.25
92	92				92	631.25	ULTRA	92	630.00	92	631.25
93	93				93	637.25	ULTRA	93	636.00	93	637.25
94	94				94	643.25	ULTRA	94	642.00	94	643.25
95	95				A-5	91.25	FM	A-5	90.00	A-5	91.25
96	96				A-4	97.25	FM	A-4	96.00	A-4	97.25
97	97				A-3	103.25	FM	A-3	102.00	A-3	103.25
98	98				A-2	109.25	MID	A-2	108.00	A-2	109.25
99	99				A-1	115.25	MID	A-1	114.00	A-1	115.25
100	100				100	649.25	ULTRA	100	648.00	100	649.25
101	101				101	655.25	ULTRA	101	654.00	101	655.25
102	102				102	661.25	ULTRA	102	660.00	102	661.25
103	103				103	667.25	ULTRA	103	666.00	103	667.25
104	104				104	673.25	ULTRA	104	672.00	104	673.25
105	105				105	679.25	ULTRA	105	678.00	105	679.25
106	106				106	685.25	ULTRA	106	684.00	106	685.25
107	107				107	691.25	ULTRA	107	690.00	107	691.25
108	108				108	697.25	ULTRA	108	696.00	108	697.25
109	109				109	703.25	ULTRA	109	702.00	109	703.25
110	110				110	709.25	ULTRA	110	708.00	110	709.25
111	111				111	715.25	ULTRA	111	714.00	111	715.25
112	112				112	721.25	ULTRA	112	720.00	112	721.25
113	113				113	727.25	ULTRA	113	726.00	113	727.25
114	114				114	733.25	ULTRA	114	732.00	114	733.25
115	115				115	739.25	ULTRA	115	738.00	115	739.25
116	116				116	745.25	ULTRA	116	744.00	116	745.25
.	.				.	.	.	.	.	.	.
.	.				.	.	.	.	.	.	.
125	125				125	799.25	ULTRA	125	798.00	125	799.25
.	.				.	.	.	.	.	.	.
.	.				.	.	.	.	.	.	.

## 2-3. Spec Comparison to the Old Models

Model	LN**A330J1D (19"/26"/32"/37"/40")	LNT**42H (23"/26"/32"/40"/46")
Design		
Display Type	LCD TV	LCD TV
Built-in Tuner	O	O
Resolution	19"=>1440 x 900 26"/32"/37"/40"=>1366 x 768	1366 x 768
LCD Panel	TFT LCD Panel 60Hz	TFT LCD Panel 60Hz
Screen Size	19"/26"/32"/37"/40"	23" / 26" / 32" / 40" / 46"
Picture ratio	16 : 9	16 : 9
Dimensions (W x H x D)	19 18.78 x 7.09 x 15.24 inches_with stand 26 26.37 x 8.5 x 19.7 inches_with stand 32 31.48 x 11.81 x 25.91 inches_with stand 37 36.08 x 11.81 x 25.91 inches_with stand 40 38.97 x 11.81 x 27.33 inches_with stand	23 26.29 x 9.13 x 17.53 inches_with stand 26 29.28 x 9.15 x 19.94 inches_with stand 32 34.42 x 11.47 x 22.72 inches_with stand 40 42.67 x 11.81 x 27.17 inches_with stand 46 48.04 x 12.83 x 30.55 inches_with stand
Weight	19 11.24 lbs(set) 26 21.38 lbs(set) 32 28.88 lbs(set) 37 40.34 lbs(set) 40 41 lbs(set)	23 24.25 lbs (set) 26 31.97 lbs (set) 32 41.89 lbs (set) 40 60.63 lbs (set) 46 80.91 lbs (set)
Brightness	500nit(19"=>300nit)	500 nit
Contrast Ratio	8000:1(19"=>1000:1)	8000:1
Picture Enhacer	DNle(FBE3)	DNle (FBE2)
Equalizer	5 band	5 band
Auto Motion Plus 120Hz	Not available	Not available
Surround Sound	2 Way SRS TruSurround Dolby Digital	2 Way SRS TruSurround Dolby Digital
Speaker Output	5W x 2	5W x 2
Antenna	1 (Cable/Air)	2 (Cable/Air)

## 2-4. Accessories

Product	Description	Code. No	Remark
	Remote Control & Batteries (AAA x 2)	BN59-00687A	Samsung Electronics Service center
	Power Cord	3903-000144	
	Cover-Bottom	26":BN63-04269A 32":BN63-04269A 37":BN63-04243A 40":BN63-04243A	
	Owner's Instructions	BN63-01395A	
	Cleaning Cloth	BN63-01798A	


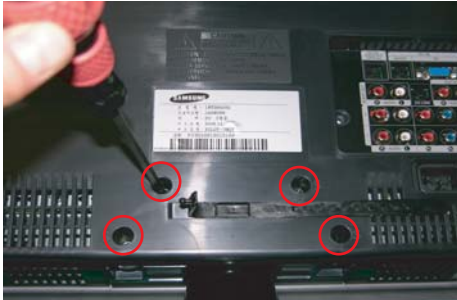

### 3. Disassembly and Reassemble

This section of the service manual describes the disassembly and reassembly procedures for the TFT-LCD TV.

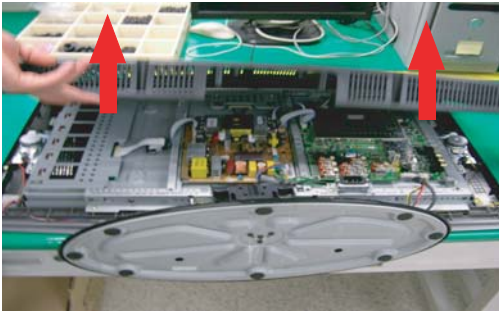
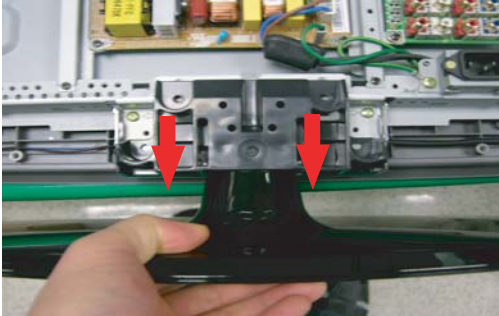

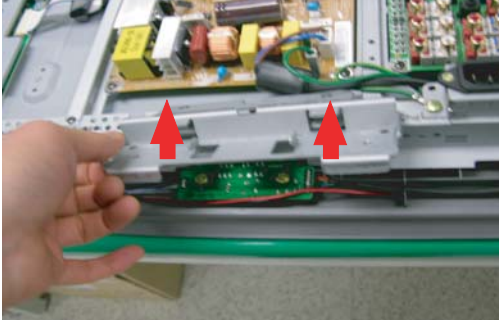
**⚠ WARNING:** This monitor contains electrostatically sensitive devices. Use caution when handling these components.

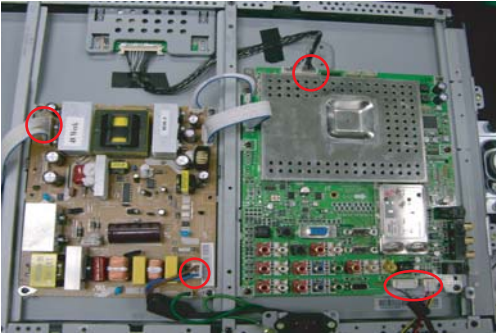
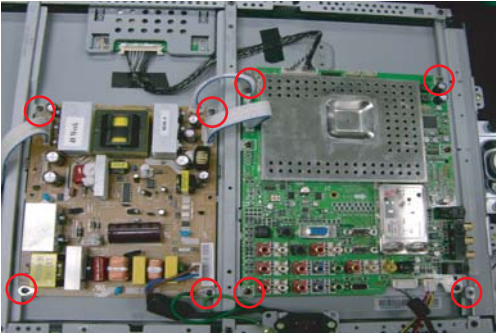

#### 3-1. Disassembly

- ⚠ Cautions:**
- 1. Disconnect the monitor from the power source before disassembly.
  - 2. Follow these directions carefully; never use metal instruments to pry apart the cabinet.

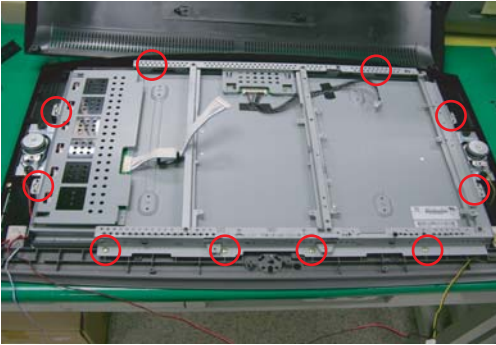

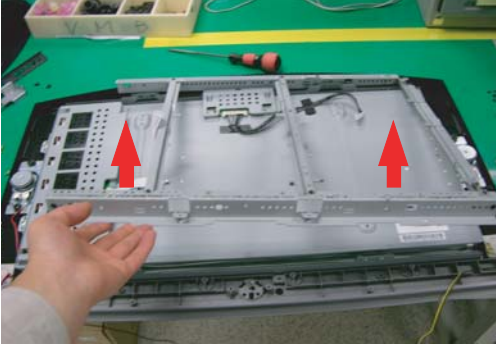
Description	Picture Description	Screws
1. Place monitor face down on cushioned table. Remove screws from the rear cover and remove screws from the stand.		
		
		

### 3. Disassembly and Reassemble

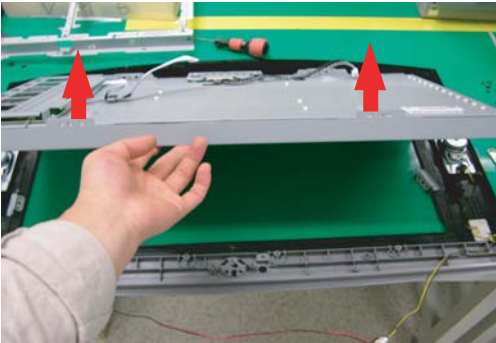

Description	Picture Description	Screws
2. Lift up the rear cover and remove the stand.		
		
3. Remove Screws from the stand BRKT and lift up the stand BRKT.		
		

Description	Picture Description	Screws
4. Remove screws from the shield and disconnect cable.		
5. Remove screws from the boards and remove screw from the side connector.		
		

### 3. Disassembly and Reassemble

Description	Picture Description	Screws
6. Lift up the speakers and remove screws from the panel BRKT.		
7. Remove screws and lift up the BRKT.		
		



Description	Picture Description	Screws
8. Lift up the panel.		
		

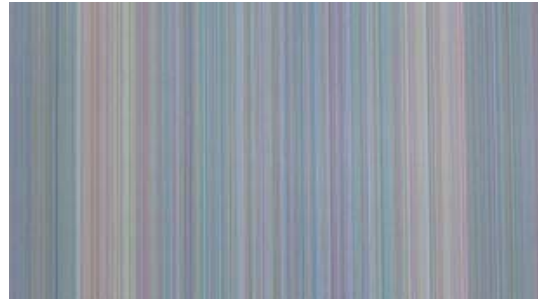
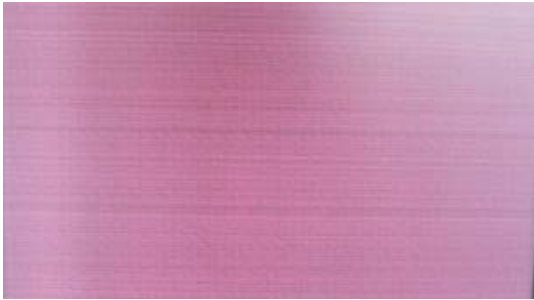
※ Reassembly procedures are in the reverse order of disassembly procedures.



## 3-2. LCD TV SVC Guide for each symptom

### 3-2-1 T-Con Board Problem

#### - Symptom 1 : Abnormal Picture

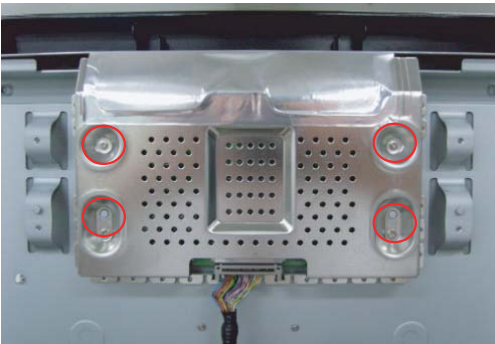





#### - Symptom 2 : No Picture [No Display but the BLU(Back Light Unit) is on]



It is easy to check if the BLU is on or off.  
If you can see the light as above picture when you push the screen, the BLU is on.

#### - How to replace the T-Con Board

	
1. Remove 4 screws	2. Bend back the shield case and remove the LVDS cable
	
3. Remove 2 Cables from T-Con	4. Replace the defective Board with new one

### 3-2-2 T-Con Board SVC Parts Code for each Model

From now, it is possible to service T-Con Board regarding some models used the Samsung panel

Exel Sheet "Part Code" : T-Con Board Part Code for each Model

Exel Sheet "SVC Guide" : T-Con Board defect list

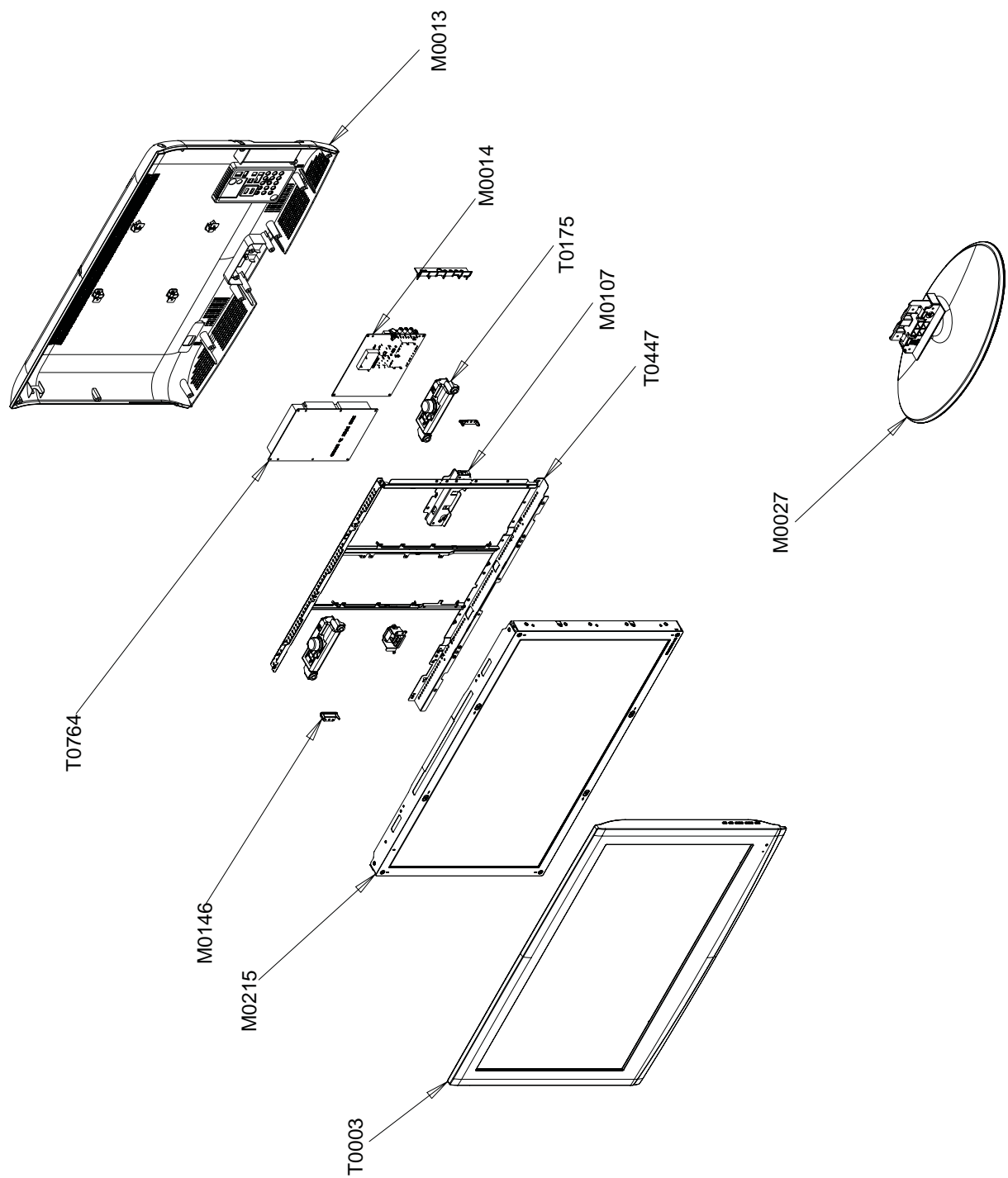
Exel Sheet "GSPN" : How to order T-Con Board on GSPN system

Project	Model Code	Side Label	Panel Code	T-Con code	Remark
Bordeaux	LNS3251DX	SG05	BN07-00368A	BN81-01301A	2006 Product
Milano3	LNS4692DX	SP01	BN07-00282A	BN81-01286A	2006 Product
Bordeaux-Plus	LNT3253HX	SP01, SP02	BN07-00385A	BN81-01299A	2007 Product
		SN03, SN04	BN07-00453A	BN81-01298A	2007 Product
		SQ05, SQ06	BN07-00482A	BN81-01300A	2007 Product
	LNT4053HX	SQ01, SQ02	BN07-00387A	BN81-01306A	2007 Product
		SN03, SN04	BN07-00451A	BN81-01325A	2007 Product
		SS05, SS06	BN07-00489A	BN81-01307A	2007 Product
	LNT4066FX	SQ01, SQ02	BN07-00383A	BN81-01305A	2007 Product
		SX05, SX06	BN07-00483A	BN81-01304A	2007 Product
Bordeaux2	LNT325HAX	SH04	BN07-00453A	BN81-01298A	2007 Product
		SQ05, SQ06	BN07-00482A	BN81-01300A	2007 Product
	LNT405HAX	SN03, SN04	BN07-00451A	BN81-01325A	2007 Product
		SQ07, SQ08	BN07-00489A	BN81-01307A	2007 Product
Sonoma2	LNT3232HX	SH05, SH06	BN07-00453A	BN81-01298A	2007 Product
		SQ07, SQ08	BN07-00482A	BN81-01300A	2007 Product
Jasmine	LNT3242HX	SP07, SP08	BN07-00385A	BN81-01299A	2007 Product
		SH10, SH11, SH12	BN07-00453A	BN81-01298A	2007 Product
		SQ14, SQ15, SQ16	BN07-00482A	BN81-01300A	2007 Product
	LNT4042HX	SP01, SP02, SP05	BN07-00387A	BN81-01306A	2007 Product
		SH06, SH07	BN07-00451A	BN81-01325A	2007 Product
		SQ10, SQ11	BN07-00489A	BN81-01307A	2007 Product
	LNT4642HX	SP01, SP03	BN07-00389A	BN81-01319A	2007 Product
		SN04, SN05	BN07-00452A	BN81-01320A	2007 Product
Tulip-Bottom	LNT4061FX	SS03, SS04	BN07-00409A	BN81-01302A	2007 Product
		SX07, SX08	BN07-00485A	BN81-01303A	2007 Product
	LNT4661FX	SS03, SS04	BN07-00410A	BN81-01312A	2007 Product
		SX07, SX08	BN07-00506A	BN81-01308A	2007 Product
Tulip-Side	LNT4065FX	SX05, SX06, SX07, SX08	BN07-00483A	BN81-01304A	2007 Product
	LNT4665FX	SS03, SS04	BN07-00457A	BN81-01315A	2007 Product
		SX05, SX06	BN07-00481A	BN81-01314A	2007 Product
Peony	LNT4071FX	SQ01	BN07-00286A	BN81-01281A	2007 Product
		SS02, SS03	BN07-00475A	BN81-01281A	2007 Product
	LNT4671FX	SQ01	BN07-00441A	BN81-01282A	2007 Product
		SS02, SS03	BN07-00476A	BN81-01282A	2007 Product
	LNT5271FX	SQ01	BN07-00447A	BN81-01284A	2007 Product
		SS02, SS03	BN07-00484A	BN81-01285A	2007 Product
Peony2	LNT4096FX	SQ01, SQ02	BN07-00477A	BN81-01324A	2007 Product
	LNT4696FX	SQ01, SQ02	BN07-00478A	BN81-01283A	2007 Product

Project	Model Code	Side Label	Panel Code	T-Con code	Remark
Bordeaux	LNS2651DX	SG03, SG04	BN07-00367A	BN81-01686A	2006 Product
	LNS2651HDX	SG03	BN07-00367A	BN81-01686A	2006 Product
	LNS2652DX	SG03, SG04	BN07-00367A	BN81-01686A	2006 Product
Firenze	LNS5797DX	SP01	BN07-00196A	BN81-01703A	2006 Product
Rose	LNT4081FX	SN01	BN07-00442A	BN81-01691A	2007 Product
	LNT4681FX	SN01	BN07-00443A	BN81-01695A	2007 Product
	LNT5281FX	SN01	BN07-00444A	BN81-01698A	2007 Product
	LNT5781FX	SQ01	BN07-00450A	BN81-01706A	2007 Product
	LNT7081FX	SQ01	BN07-00356A	BN81-01704A	2007 Product
Tulip	LNT5265FX	SS03, SS05	BN07-00466A	BN81-01699A	2007 Product
Jade	LN40A330J1D	SQ01	BN07-00523A	BN81-01692A	2008 Product
Coral	LN32A450C1D	SQ01	BN07-00453A	BN81-01688A	2008 Product
		SS02	BN07-00482A	BN81-01692A	2008 Product
	LN32A450C1H	SQ01	BN07-00521A	BN81-01688A	2008 Product
	LN40A450C1H	SQ01	BN07-00523A	BN81-01692A	2008 Product
Pearl	LN32A550P1F	SQ01	BN07-00520A	BN81-01689A	2008 Product
	LN32A550P3F	SQ01	BN07-00520A	BN81-01689A	2008 Product
	LN40A530P1F	SQ01	BN07-00525A	BN81-01693A	2008 Product
	LN40A550P3F	SQ01, SQ02	BN07-00525A	BN81-01693A	2008 Product
	LN40A550P1F	SQ01	BN07-00525A	BN81-01693A	2008 Product
	LN46A530P1F	SQ01	BN07-00518A	BN81-01696A	2008 Product
	LN46A550P1F	SQ01	BN07-00518A	BN81-01696A	2008 Product
	LN46A550P3F	SQ01	BN07-00518A	BN81-01696A	2008 Product
	LN52A530P1F	SQ01	BN07-00522A	BN81-01701A	2008 Product
	LN52A550P1F	SQ01	BN07-00522A	BN81-01701A	2008 Product
	LN52A550P3F	SQ01, SQ02	BN07-00522A	BN81-01701A	2008 Product
Amber	LN32A650A1F	SQ01	BN07-00537A	BN81-01690A	2008 Product
	LN40A650A1F	SQ01	BN07-00529A	BN81-01694A	2008 Product
	LN46A650A1F	SQ01	BN07-00530A	BN81-01697A	2008 Product
	LN52A650A1F	SQ01	BN07-00531A	BN81-01702A	2008 Product
Ruby	LN40A750R1F	SQ01	BN07-00529A	BN81-01694A	2008 Product
	LN46A750R1F	SQ01	BN07-00530A	BN81-01697A	2008 Product
	LN52A750R1F	SQ01	BN07-00531A	BN81-01702A	2008 Product

5. Exploded View & Part List

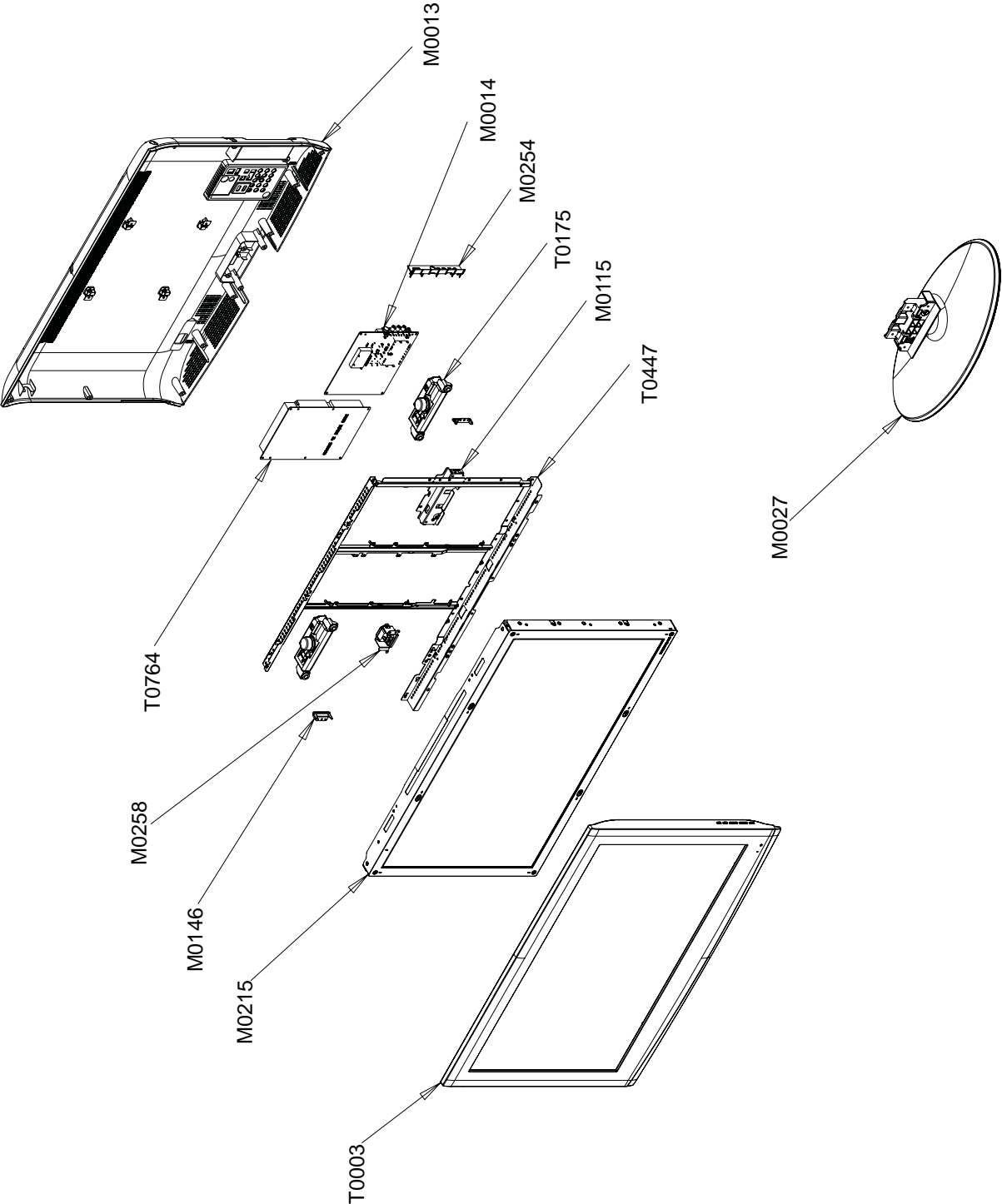
5-1. LN26A330J1D Exploded View



**5-1-1. LN26A330J1D Parts List**

Location No.	Code No.	Description & Specification	Q'ty	S.A/S.N.A	Remark
T0003	BN96-04750G	ASSY COVER P-FRONT;26L330,UO,PC+ABS,V0,B	1	S.A	
M0215	BN07-00364A	LCD-PANEL;V260B1-L04	1	S.A	
M0146	BN61-02207A	BRACKET-PANEL SIDE;Bordeaux 26,SECC,T1.2	4	S.N.A	
M0027	BN96-04745A	ASSY STAND P-BASE;- ,22,23,26S81,- ,ABS+PM	1	S.A	
M0014	BN94-01724B	ASSY PCB MAIN;LN26A330J1DXZA	1	S.A	
M0115	BN61-02931A	BRACKET-STAND LINK;JASMINE 26,SECC,T1.6	1	S.A	
T0175	BN96-04769A	ASSY SPEAKER P;16ohm,4pin,5W,Jasmine 23"	1	S.A	
T0764	BN44-00192B	SMPS-LCDTV;MK32P3,DYREL,AC/DC,180W,AC100	1	S.A	
M0013	BN96-04755C	ASSY COVER P-REAR;26L330,UO,HIPS,V0,BK50	1	S.A	

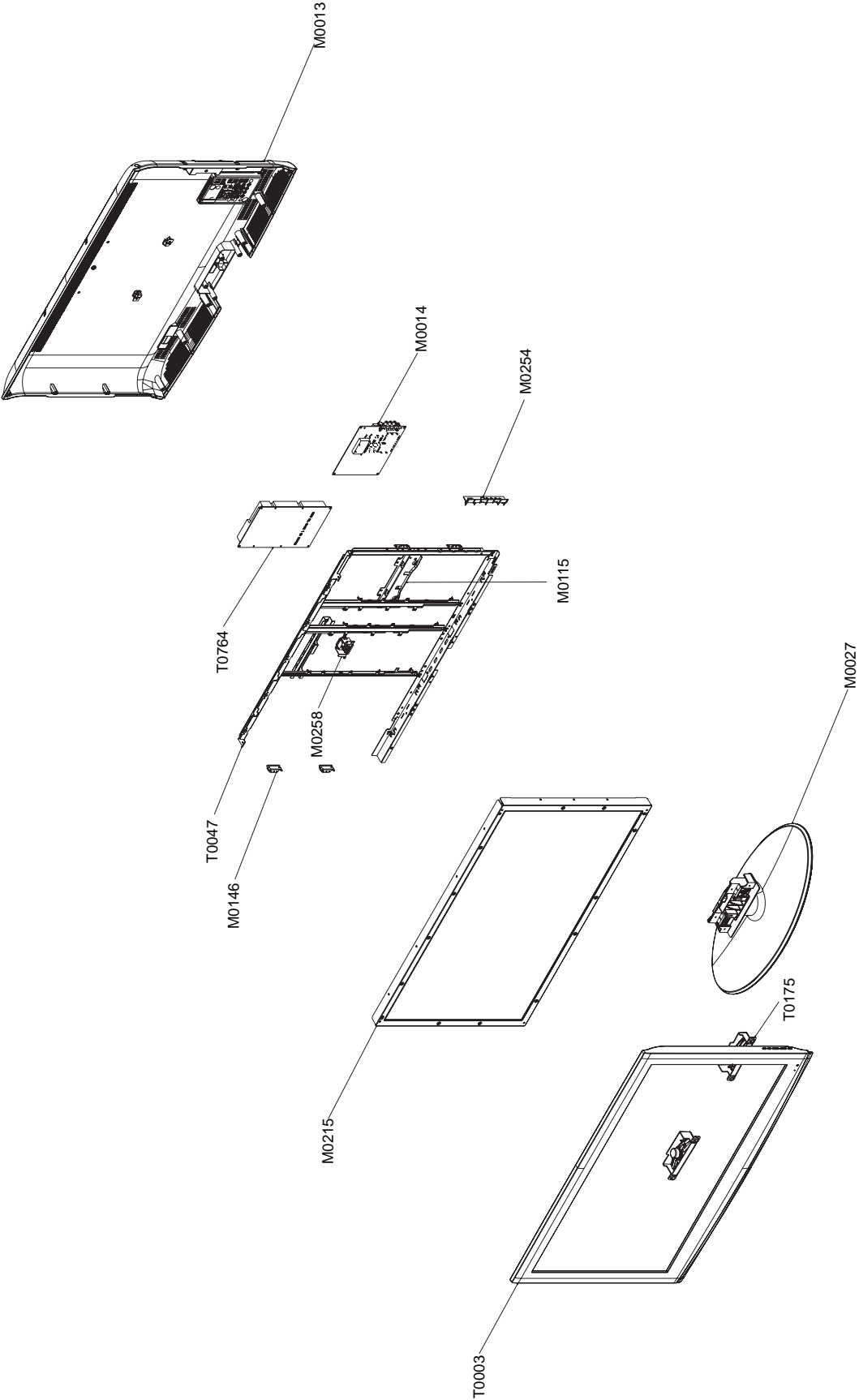
5-2. LN32A330J1D Exploded View



**5-2-1. LN32A330J1D Parts List**

Location No.	Code No.	Description & Specification	Q'ty	S.A/S.N.A	Remark
T0003	BN96-04694P	ASSY COVER P-FRONT;32L330,UO,PC+ABS,V0,B	1	S.A	
M0215	BN07-00348A	LCD-PANEL;V315B1-L01	1	S.A	
M0146	BN61-02419A	BRACKET-PANEL SIDE;SONOMA 32,SECC,T1.2,A	4	S.N.A	
M0115	BN61-02947A	BRACKET-STAND LINK;JASMINE 32",SECC,T1.6	1	S.A	
T0175	BN96-04770A	ASSY SPEAKER P;8ohm,4pin,10W,Jasmine 32"	1	S.A	
M0254	BN61-03972A	HOLDER-SIDE AV;L330,HIPS,V0,-,-,BK500,	1	S.N.A	
M0014	BN96-07892B	ASSY PCB P-MAIN;BN94-01724R,LN32A330J1DX	1	S.A	
M0013	BN96-04696L	ASSY COVER P-REAR;32L330,UO,HIPS,V0,BK50	1	S.A	
M0027	BN96-07542A	ASSY STAND P-BASE;32L330,ABS+PMMA,HB,BK2	1	S.A	

5-3. LN37A330J1D Exploded View

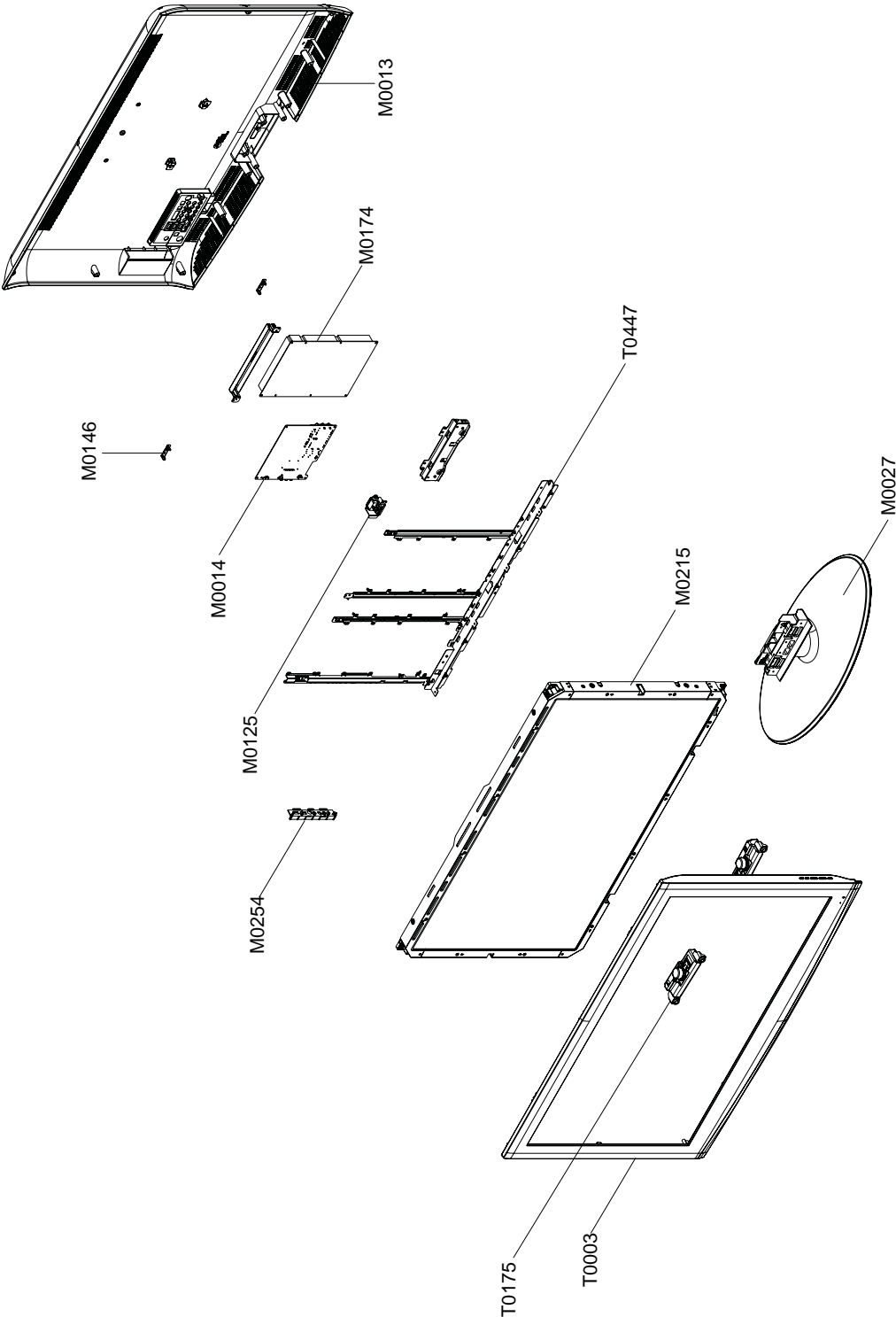




**5-3-1. LN37A330J1D Parts List**

Location No.	Code No.	Description & Specification	Q'ty	S.A/S.N.A	Remark
T0003	BN96-04752M	ASSY COVER P-FRONT;37L330,UO,PC+ABS,V0,B	1	S.A	
T0175	BN96-04770B	ASSY SPEAKER P;8ohm,4pin,10W,600/1250mm,	1	S.A	
M0215	BN07-00446A	LCD-PANEL;CLAA370WA03SC	1	S.A	
M0146	BN61-02971A	BRACKET-PANEL TOP;37 BORDEAUX PLUS,SECC,	1	S.N.A	
M0115	BN61-02882A	BRACKET-STAND LINK;TULIP,40,SECC,T1.6,-,	1	S.A	
M0254	BN61-03972A	HOLDER-SIDE AV;L330,HIPS,V0,-,-,BK500,	1	S.N.A	
T0764	BN44-00220A	SMPS-LCDTV;MK37P5T,DYREL,AC/DC,171W,AC10	1	S.A	
M0014	BN94-01724D	ASSY PCB MAIN;LN37A330J1DXZA	1	S.A	
M0013	BN96-04756J	ASSY COVER P-REAR;37L330,UO,HIPS,V0,BK50	1	S.A	
M0027	BN96-07541A	ASSY STAND P-BASE;40L330,ABS+PMMA,HB,BK2	1	S.A	

5-4. LN40A330J1D Exploded View



**5-4-1. LN40A330J1D Parts List**

Location No.	Code No.	Description & Specification	Q'ty	S.A/S.N.A	Remark
T0003	BN96-04753X	ASSY COVER P-FRONT;40L330,UO,PC+ABS,V0,B	1	S.A	
T0175	BN96-04770B	ASSY SPEAKER P;8ohm,4pin,10W,600/1250mm,	1	S.A	
M0027	BN96-07541A	ASSY STAND P-BASE;40L330,ABS+PMMA,HB,BK2	1	S.A	
M0215	BN07-00523A	LCD-PANEL;LTF400AA01	1	S.A	
T0447	BN96-04679J	ASSY BRACKET P-PANEL;40L330,SECC,JADE	1	S.N.A	
M0254	BN61-03972A	HOLDER-SIDE AV;L330,HIPS,V0,-,-,BK500,	1	S.A	
M0115	BN61-02882A	BRACKET-STAND LINK;TULIP,40,SECC,T1.6,-,	1	S.A	
T0101	BN61-02968A	BRACKET-WALL;40 BORDEAUX PLUS,SECC,T1.2,	1	S.N.A	
M0174	BN44-00199A	IP BOARD;IP-211135,PEARL,15mA,130mA,150H	1	S.A	
M0146	BN61-02972A	BRACKET-PANEL TOP;40 BORDEAUX PLUS,SECC,	1	S.N.A	
M0013	BN96-04758J	ASSY COVER P-REAR;40L330,UO,HIPS,V0,BK50	1	S.A	

## 5-5. LN26A330J1D Parts List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
		LN26A330J1DXZX	LN26A330J1D,N45A/26S80-GJE,26,LCD-TV,MEX	0		
0.1	M0001	BN90-01201K	ASSY COVER FRONT;26L330	1	S.N.A	
..2	T0003	BN96-04750G	ASSY COVER P-FRONT;26L330,UO,PC+ABS,V0,B	1	S.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.N.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.N.A	
...3	M0081	6006-001096	SCREW-TAPTITE;BH,+,-,WP,B,M4.0,L12,ZPC(BLK	4	S.N.A	
...3	M0162	6502-001067	CABLE CLAMP;DAFC-1300,ID2.2,T5.2,NYLIN6/	2	S.N.A	
...3	T0069	AA60-00091J	SPACER-FELT;-,-,FELT,330X10,-,-,BLK,T0.5,-	2	S.N.A	
...3	T0069	AA60-00171N	SPACER-FELT;61L3,FELT,620,T0.5,10	2	S.N.A	
...3	T0060	BN61-01655A	SPRING ETC;STS-304 SUS,D8,L12,T0.5	1	S.N.A	
...3	CCM1	BN63-02183F	COVER-SHEET;Rhcm,PE Vinyl,T0.05,900mm,20	0.4	S.N.A	
...3	M0112	BN63-03172E	COVER-FRONT;26L330,UO,PC+ABS,-,-,-,V0,-,	1	S.N.A	
...3	T0059	BN64-00366A	INDICATOR LED;ROME-I,PC,CLEAR,ALL MODEL	1	S.N.A	
...3	T0022	BN64-00467D	KNOB CONTROL;MOSEL32,ABS,-,-,-,V0(NT),BK	1	S.N.A	
...3	T0023	BN64-00589A	KNOB POWER;32S81,PC,-,-,-,-,VIOLET,-,-	1	S.N.A	
...3	T0054	BN64-00590A	KNOB-DECORATION;JASMINE 32,ABS,-,-,-,HB,	1	S.N.A	
...3	M0145	BN96-03466A	ASSY BOARD P-FUNCTION;SONOMA,SJ06-01-008	1	S.A	
...3	T0175	BN96-04769A	ASSY SPEAKER P;16ohm,4pin,5W,Jasmine 23"	1	S.A	
...3	M0146	BN96-04884B	ASSY BOARD P-POWER & IR;LNT3242HX/XAA,CT	1	S.A	
...3	M0025	BN96-04748E	ASSY DECORATION P;26L330,PC+ABS,V0,BK25,	1	S.N.A	
...4	B/TAPE	BN61-03261C	BOSS-TAPE;Tulip,ACRYL,T1.1,W24mm,GRAY,TA	0.6	S.N.A	
...4	T0056	BN63-03174E	COVER-DECORATION;26L330,PC+ABS,-,-,-,V0,	1	S.N.A	
...3	M0081	6003-000275	SCREW-TAPTITE;BH,+,-,B,M3,L10,ZPC(BLK),S	1	S.N.A	
...3	T0069	AA60-00091E	SPACER-FELT;-,-,FELT,100X10,-,-,BLK,T0.5,-	1	S.N.A	
0.1	M0002	BN90-01207J	ASSY COVER REAR;26L330	1	S.N.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,-,M4,L16,ZPC(BLK)	2	S.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,-,M4,L16,ZPC(BLK)	11	S.A	
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,-,B,M3,L6,ZPC(BLK),SWRC	1	S.A	
..2	M0013	BN96-04755C	ASSY COVER P-REAR;26L330,UO,HIPS,V0,BK50	1	S.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	4	S.N.A	
...3	T0101	BN61-03346A	BRACKET-WALL;LCD TV,SECC,T1.2	4	S.N.A	
...3	M0006	BN63-03173C	COVER-REAR;26L330,UO,HIPS,-,-,-,V0,-,BK5	1	S.N.A	
...3	T0071	BN64-00818A	INLAY-TERMINAL;L330/L430,UO,PS SHEET,T0.	1	S.N.A	
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,LDPE,-,-,BLK,-	1	S.N.A	
...3	T0069	AA60-00091K	SPACER-FELT;-,-,FELT,330X10,-,-,BLK,T0.35,	2	S.N.A	
0.1	M0216	BN90-01212A	ASSY STAND;26S81	1	S.N.A	
..2	M0027	BN96-04745A	ASSY STAND P-BASE;-,-,22,23,26S81,-,-,ABS+PM	1	S.A	
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,-,M4,L16,ZPC(BLK)	4	S.A	
...3	M0081	6003-001239	SCREW-TAPTITE;FH,+,-,B,M4,L10,ZPC(WHT),S	4	S.A	
...3	T0920	BN61-03024A	GUIDE-STAND;JASMINE 26,ABS,-,-,-,BK500,V	1	S.N.A	
...3	B/STAND	BN61-03028A	BRACKET-STAND BOTTOM;JASMINE 26",SECC,T1	1	S.N.A	
...3	CCM1	BN63-02183D	COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20	0.4	S.N.A	
...3	T0004	BN63-03178A	COVER-STAND BASE;JASMINE 26",ABS+PMMA,HB	1	S.N.A	
...3	M0126	BN73-00052C	RUBBER-FOOT;LCD TV,CR RUBBER,T2.0 DIA19,	4	S.N.A	
..2	T0524	6902-000520	BAG PE;HDPE/NITRON(DOUBLE),T0.015/T0.5(D	1	S.N.A	

## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
0.1	T0852	BN91-01180K	ASSY LCD-CMO;LE26R32BX/*	1	S.N.A	
..2	M0215	BN07-00364A	LCD-PANEL;V260B1-L04	1	S.A	
0.1	M0112	BN91-02142A	ASSY SHIELD;LN26A330J1DXZA	1	S.N.A	
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A	
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A	
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	2	S.A	
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	2	S.A	
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A	
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	4	S.N.A	
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	4	S.N.A	
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A	
..2	M0081	6003-001439	SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(WHT),SW	1	S.N.A	
..2	M0081	6003-001439	SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(WHT),SW	1	S.N.A	
..2	M2893	BH39-00362G	LEAD CONNECTOR;SONOMA,UL1007#26,5PIN,100	1	S.A	
..2	M2893	BN39-00603B	LEAD CONNECTOR;RE32**,UL1007#26,14P,200m	1	S.A	
..2	T0076	BN39-00615D	CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING,	1	S.A	
..2	M2893	BN39-00802A	LEAD CONNECTOR;LE32R86BDX,UL1007#26,UL/C	1	S.A	
..2	M0114	BN61-02500A	HOLDER-WIRE;NYLON6.6,NATURAL	2	S.N.A	
..2	M0115	BN61-02931A	BRACKET-STAND LINK;JASMINE 26,SECC,T1.6	1	S.A	
..2	M0254	BN61-03972A	HOLDER-SIDE AV;L330,HIPS,V0,-,-,BK500,	1	S.N.A	
..2	M0214	BN96-07158G	ASSY CABLE P-FLAT;CORAL,FFC CABLE,35*270	1	S.A	
..2	T0764	BN44-00192B	SMPS-LCDTV;MK32P3,DYREL,AC/DC,180W,AC100	1	S.A	
..2	M0146	BN61-02207A	BRACKET-PANEL SIDE;Bordeaux 26,SECC,T1.2	4	S.N.A	
..2	M0412	BN96-07539B	ASSY BRACKET P-PCB;26L330,SECC,JADE,NEW	1	S.N.A	
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	3	S.A	
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	3	S.A	
...3	M0146	BN61-02205B	BRACKET-PANEL TOP;Bordeaux 26,SECC,T1.2	1	S.N.A	
...3		BN61-02210A	BRACKET-GUIDE POWER;Bordeaux 26,SECC,T1.	1	S.N.A	
...3		BN61-02966A	BRACKET-GUIDE POWER;23 BORDEAUX PLUS,SEC	1	S.N.A	
...3		BN61-02973B	BRACKET-PANEL BOTTOM;26R81,SECC,T1.2,AUO	1	S.N.A	
...3	BKT/MAIN	BN61-03878A	BRACKET-GUIDE MAIN;L450 26INCH,SECC,T1.0	1	S.N.A	
...3	M0131	BN63-02950A	GASKET;LE32M73BDX,Conductive Fabric,300m	1	S.N.A	
...3	M0131	BN63-02958A	GASKET;LE32M71BX,Conductive Fabric,10mm,	1	S.N.A	
0.1	M0017	BN91-02146B	ASSY CHASSIS;LN26A330J1DXZA	1	S.A	
..2	M0014	BN96-07895A	ASSY PCB P-MAIN;BN94-01724B,LN26A330J1DX	1	S.N.A	
...3	T0245	0202-001608	SOLDER-WIRE FLUX;LFC7-107,D0.8,99.3Sn/0.	0.25	S.N.A	
...3	JA7003	3701-001400	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,Ni	1	S.A	
...3	CN906	3707-001081	CONNECTOR-OPTICAL;STRAIGHT,SPDIF	1	S.A	
...3	CN330	3711-000058	HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN	1	S.A	
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A	
...3	CN330	3711-004531	HEADER-BOARD TO CABLE;BOX,10P,1R,2mm,ANG	1	S.A	
...3	CN330	3711-005842	HEADER-BOARD TO CABLE;BOX,24P,2R,2MM,STR	1	S.A	
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A	
...3	JA7004	3722-002516	JACK-USB;4P/1C,AU30U,BLK,STRAIGHT,A TYPE	1	S.A	
...3	CIS3	AA40-00177A	TUNER;TDQU6-K01A,TDQU6-K01A,NTSC/ATSC,18	1	S.A	
...3	M0107	BN63-01847A	SHIELD-COVER;ROME,SPTT,T0.3,49.5,79.5,HE	1	S.N.A	
...3	CCMM1	BN73-00024D	SILICON/RUBBER;BORDEAUX,SILICON,28x28XT6	1	S.N.A	
...3	T0174	BN97-02240A	ASSY SMD;BN97-02111B;LN26A330J1DX	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	SUB05	0202-001477	SOLDER-CREAM;LST309-M,-,D20-45##,96.5Sn/	2.51	S.N.A	
....4	D1011	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A	
....4	D9005	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A	
....4	D2002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D2003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D2004	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D2006	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D2008	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D5001	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D7002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D7005	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D7011	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D7012	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D7013	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D7023	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D7025	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1004	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D1005	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D1007L	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D1008	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D1009	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D1010	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D9004	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D0254	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A	
....4	D0254	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A	
....4	D0254	0402-001207	DIODE-SCHOTTKY;UPS5819,40V,1000MA,DO-216	1	S.A	
....4	D1006	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D7017	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D7018	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D7050	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D6002	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6003	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6004	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6005	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6007	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6008	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6013	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6014	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6016	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6017	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6019	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6020	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7019	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7021	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7027	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7028	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7030	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7032	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7034	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D5002	0403-001425	DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23	1	S.A	
....4	D6001	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	

## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	D6006	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6009	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6010	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6011	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6012	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6015	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6018	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6021	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6022	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6023	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6024	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6025	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7001	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7003	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7010	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7024	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7041	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7042	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7014	0406-001200	DIODE-TVS;RCLAMP0504F,6/-/-V,150W,SC-70	1	S.A	
....4	D7051	0406-001271	DIODE-TVS;RCLAMP0524P,6/-/-V,150W,SLP251	1	S.A	
....4	D7052	0406-001271	DIODE-TVS;RCLAMP0524P,6/-/-V,150W,SLP251	1	S.A	
....4	D7053	0406-001271	DIODE-TVS;RCLAMP0524P,6/-/-V,150W,SLP251	1	S.A	
....4	D7054	0406-001271	DIODE-TVS;RCLAMP0524P,6/-/-V,150W,SLP251	1	S.A	
....4	D7038	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A	
....4	D7039	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A	
....4	Q1000	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	1	S.A	
....4	Q9004	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	1	S.A	
....4	Q9005	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	1	S.A	
....4	Q2003	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3001L	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q5001	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q7003	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q7004	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q9002	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A	
....4	Q1002L	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A	
....4	Q1003L	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A	
....4	Q2005	0504-000129	TR-DIGITAL;KSR1104,NPN,200mW,47K/47K,SOT	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-001165	FET-SILICON;SI3443BDV,P,-20V,+/-4.4A,65mo	1	S.A	
....4	IC104	0801-002633	IC-CMOS LOGIC;7WBD3125,2bit BUS SWITCH,S	1	S.A	
....4	IC104	0801-002633	IC-CMOS LOGIC;7WBD3125,2bit BUS SWITCH,S	1	S.A	
....4	IC2003	0904-001862	IC-I/O SUPPORT CHIP;PCF8574ATS,8Bit,SSOP	1	S.A	
....4	IC6003	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	S.A	
....4	IC106	1001-001082	IC-VIDEO SWITCH;BA7657F,-,SOP,24P,300MIL	1	S.A	
....4	IC106	1001-001513	IC-VIDEO SWITCH;TMDS351PAG,TQFP,64P,9x9m	1	S.A	
....4	IC6001	1006-001266	IC-LINE TRANSCEIVER;SP3232EEY,TSSOP,16P,	1	S.A	
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A	
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A	
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A	



## 5. Exploded View & Part List

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## 5. Exploded View & Part List

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## 5. Exploded View & Part List

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## 5. Exploded View & Part List

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## 5. Exploded View & Part List

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## 5. Exploded View & Part List

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## 5. Exploded View & Part List

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## 5. Exploded View & Part List

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Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012 (	1	S.N.A	
....4	C120	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012 (	1	S.N.A	
....4	C9014	2402-001323	C-AL,SMD;100##F,20,25V,LZ,TP,6.3X8mm	1	S.A	
....4	C9017	2402-001323	C-AL,SMD;100##F,20,25V,LZ,TP,6.3X8mm	1	S.A	
....4	C1086	2409-001129	C-POLYMER ,CHIP;100uF,20%,6.3V,WT,TP,3.5	1	S.A	
....4	T0052	2703-000158	INDUCTOR-SMD;1uH,10%,2012	1	S.A	
....4	T0052	2703-000158	INDUCTOR-SMD;1uH,10%,2012	1	S.A	
....4	T0052	2703-000158	INDUCTOR-SMD;1uH,10%,2012	1	S.A	
....4	T0052	2703-000158	INDUCTOR-SMD;1uH,10%,2012	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000417	INDUCTOR-SMD;220uH,5%,3225	1	S.A	
....4	T0052	2703-001426	INDUCTOR-SMD;680uH,20%,7070	1	S.A	
....4	L9001	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh	1	S.N.A	
....4	L9002	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh	1	S.N.A	
....4	X202	2801-003773	CRYSTAL-SMD;12MHz,30ppm,28-AAN,20pF,50oh	1	S.A	
....4	X202	2801-004604	CRYSTAL-SMD;24.69MHz,30ppm,27pF,40ohm,TP	1	S.A	
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	S.N.A	
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	



## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A	
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A	
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A	
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A	
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001526	BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,,	1	S.N.A	
....4	T0568	3301-001526	BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,,	1	S.N.A	
....4	T0568	3301-001526	BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,,	1	S.N.A	
....4	T0568	3301-001526	BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,,	1	S.N.A	
....4	T0568	3301-001526	BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,,	1	S.N.A	
....4	T0568	3301-001526	BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0313	3404-001207	SWITCH-TACT;12V,50mA,160gf,6.2X6.2,SPST	1	S.A	
....4	JA7001	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A	
....4	JA7002	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A	
....4	CN3002	3708-001150	CONNECTOR-FPC/FFC/PIC;30P,1mm,SMD-A,SN,Y	1	S.A	
....4	T0077	BN41-00965A	PCB MAIN;FR-4,4,1.2T,192*158	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0018	BN97-02242A	ASSY MICOM;T-CRLAUSC-XXXX,N45A,2007.11.0	1	S.N.A	
.....5	IC2005	1107-001735	IC-NOR FLASH;MX25L3205DM2I-12G,32Mbit,16	1	S.A	
...3	T0334	AA60-00040A	SPACER-CRT;OD8,ID4,BLK,-,-,-,-,-,-,-	1	S.N.A	
...3	JA333	3722-002697	JACK-PIN;14P+1P(Shield+Gnd),NI,BLACK,STR	1	S.A	
...3	SUB08	BN97-00707A	ASSY HDCP;BN46-00018A,BR20/21BS_CS,MSTAR	1	S.N.A	
....4		BN46-00018A	KEY CODE-CERTIFICATE;(HDCP KEY)PPM42M5S,	1	S.N.A	
0.1	M0045	BN92-03346N	ASSY ACCESSORY;LN26A330J1DXZX	1	S.N.A	
..2	M0045	BN96-07274A	ASSY ACCESSORY-CABLE;JADE/ZA,ZC,ZX	1	S.A	
...3	T0268	3903-000144	CBF-POWER CORD;DT,US,BP3/Y,U(IEC C13-RA)	1	S.A	
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	1	S.N.A	
...3	CLOTH	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,180,200,RHCM	1	S.N.A	
...3	T0074	BN59-00678A	REMOCON;TM-95,39,AMERICA	1	S.A	
..2	M0045	BN96-07546A	ASSY ACCESSORY-MANUAL;LN26A330J1DXZX	1	S.A	
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	1	S.N.A	
...3	T0531	BN63-03176A	COVER-BOTTOM;JASMINE 23,26,HIPS,-,-,-,V0	1	S.N.A	
...3	A/SCREW	BN96-01800A	ASSY ACCESSORY-SCREW ZIPPER;ROME32,-,-,-	1	S.N.A	
....4	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	S.A	
....4	ACCESSORY	6902-000128	BAG ZIPPER;LDPE,T0.05,W200,L150,TRP,8,2-	1	S.N.A	
...3		AA68-03242L	MANUAL FLYER-02,SAFETY GUIDE;comm,Samsun	1	S.N.A	
...3	T0511	BN68-01514F	MANUAL USERS;COMM,SAMSUNG,Eng/Spa,Mexico	1	S.N.A	
...3	T0238	BP68-00515A	MANUAL FLYER-REGISTRATION CARD;PRC CARD,	1	S.N.A	
..2	T0238	BN68-00797B	MANUAL FLYER-WARRANTY CARD;comm,Samsung,	1	S.N.A	
0.1	M0113	BN92-03422A	ASSY P/MATERIAL;26L330,UO	1	S.N.A	
..2	T0524	6902-000737	BAG PE;HDPE/HDPE/NITRON,T0.015/T0.015/T1	1	S.N.A	
..2	T0003	BH69-00418A	BAG WRAPPING;E770S/UM,LDPE,-,1828M,762,-	3.23	S.N.A	
0.1	M0019	BN92-03347G	ASSY LABEL;LN26A330J1DXZC	1	S.N.A	
0.1	M0003	BN92-03424F	ASSY BOX;26L330,ZX	1	S.N.A	
..2	M0103	BN66-00016A	LEVER-TOP;L450,LDPE,GRAY	1	S.N.A	
..2	M0102	BN66-00017A	LEVER-BOTTOM;L450,LDPE,GRAY	1	S.N.A	
..2	BOX-SET	BN69-02527A	BOX-SET;L330-26,CB,A1,DY-01,W821,D636,H1	1.02	S.N.A	

**5-6. LN32A330J1D Parts List**

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
		LN32A330J1DXZX	LN32A330J1D,N45A/32S80-GJE,32,LCD-TV,UNI			
0.1	M0001	BN90-01172T	ASSY COVER FRONT;32L330	1	S.N.A	
..2	T0003	BN96-04694P	ASSY COVER P-FRONT;32L330,UO,PC+ABS,V0,B	1	S.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.A	
...3	M0081	6006-001096	SCREW-TAPTITE;BH,+,-,WP,B,M4.0,L12,ZPC(BLK	4	S.N.A	
...3	M0162	6502-001067	CABLE CLAMP;DAFC-1300,ID2.2,T5.2,NYLIN6/	2	S.N.A	
...3	T0060	BN61-01655A	SPRING ETC;STS-304 SUS,D8,L12,T0.5	1	S.N.A	
...3	FELT	BN63-01925A	FELT-VIBRATION;42D5,FELT,T0.35,10,370	4	S.N.A	
...3	CCM1	BN63-02183F	COVER-SHEET;Rhcm,PE Vinyl,T0.05,900mm,20	1.1	S.N.A	
...3	M0112	BN63-03094L	COVER-FRONT;32L330,UO,PC+ABS,V0,BK25,S/M	1	S.N.A	
...3	T0059	BN64-00366A	INDICATOR LED;ROME-I,PC,CLEAR,ALL MODEL	1	S.N.A	
...3	T0022	BN64-00467D	KNOB CONTROL;MOSEL32,ABS,-,-,V0(NT),BK	1	S.N.A	
...3	T0023	BN64-00589A	KNOB POWER;32S81,PC,-,-,-,VIOLET,-,-	1	S.N.A	
...3	T0054	BN64-00590A	KNOB-DECORATION;JASMINE 32,ABS,-,-,-,HB,	1	S.N.A	
...3	M0145	BN96-03466A	ASSY BOARD P-FUNCTION;SONOMA,SJ06-01-008	1	S.A	
...3	M0025	BN96-04749C	ASSY DECORATION P;32L330,PC+ABS,V0	1	S.N.A	
....4	B/TAPE	BN61-03261C	BOSS-TAPE;Tulip,ACRYL,T1.1,W24mm,GRAY,TA	0.7	S.N.A	
....4	T0056	BN63-03096C	COVER-DECORATION;32L330,PC+ABS,V0	1	S.N.A	
...3	T0175	BN96-04770A	ASSY SPEAKER P;8ohm,4pin,10W,Jasmine 32"	1	S.A	
...3	M0146	BN96-04884E	ASSY BOARD P-POWER & IR;LE37R86BD,CT5000	1	S.A	
...3	M0081	6003-000275	SCREW-TAPTITE;BH,+,-,B,M3,L10,ZPC(BLK),S	1	S.N.A	
0.1	M0002	BN90-01173U	ASSY COVER REAR;32L330	1	S.N.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	2	S.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	11	S.A	
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,-,B,M3,L6,ZPC(BLK),SWRC	1	S.A	
..2	M0013	BN96-04696L	ASSY COVER P-REAR;32L330,UO,HIPS,V0,BK50	1	S.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	4	S.A	
...3	T0101	BN61-03348A	BRACKET-WALL;LCD TV 32,SECC T1.2,-,-,-,-	4	S.N.A	
...3	M0006	BN63-03095D	COVER-REAR;32L330,UO,HIPS,-,-,-,V0,-,BK5	1	S.N.A	
...3	T0071	BN64-00818A	INLAY-TERMINAL;L330/L430,UO,PS SHEET,T0.	1	S.N.A	
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,LDPE,-,-,BLK,-	1	S.N.A	
...3	T0069	AA60-00091K	SPACER-FELT;-,FELT,330X10,-,-,BLK,T0.35,	2	S.N.A	
0.1	M0216	BN90-01616A	ASSY STAND;32L330,UO	1	S.N.A	
..2		BN63-04356A	COVER-STAND NECK;L450 32INCH,ABS+PMMA,HB	1	S.N.A	
..2	M0027	BN96-07542A	ASSY STAND P-BASE;32L330,ABS+PMMA,HB,BK2	1	S.A	
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	4	S.A	
...3	M0081	6003-001239	SCREW-TAPTITE;FH,+,-,B,M4,L10,ZPC(WHT),S	4	S.A	
...3	H/SRTOP	BN61-02232A	HOLDER-SWIVEL RING;32R71,ACETAL NATUAL,N	1	S.N.A	
...3	H/SRBOTTOM	BN61-02233A	HOLDER-SWIVEL RING;32R71,ACETAL NATUAL,N	1	S.N.A	
...3	B/HSWIVEL	BN61-02236A	BRACKET-HINGE SWIVEL;BORDEAUX 32,SECC,T1	1	S.N.A	
...3	B/SBOTTOM	BN61-02945A	BRACKET-STAND BOTTOM;JASMINE 32",SECC,T1	1	S.N.A	
...3	CCM1	BN63-02183D	COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20	0.4	S.N.A	
...3	T0004	BN63-04509A	COVER-STAND BASE;L330 32INCH,ABS+PMMA,HB	1	S.N.A	
...3	ASTGUIDE	BN96-07934A	ASSY STAND P-GUIDE;BOTTOM;L450,V0,BLK,40	1	S.A	
....4		BN61-02932B	BRACKET-STOPPER NUT;L450,M4,OD8,-,-,L24,	3	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4		BN61-03872A	GUIDE-STAND BOTTOM;L450 32INCH,PC+GF(20%	1	S.N.A	
...3	M0126	BN73-00052C	RUBBER-FOOT;LCD TV,CR RUBBER,T2.0 DIA19,	8	S.N.A	
..2	ASTGD	BN96-08421A	ASSY STAND P-GUIDE;L330, 32 INCH,BLK,PC+	1	S.N.A	
...3	T0920	BN61-03978A	GUIDE-STAND;L330 32INCH,PC+GF 20%,BLK	1	S.N.A	
0.1	M0019	BN91-01180F	ASSY LCD;LE32R72BX/*	1	S.N.A	
..2	M0215	BN07-00348A	LCD-PANEL;V315B1-L01	1	S.A	
0.1	M0112	BN91-02143A	ASSY SHIELD;LN32A330J1DXZA	1	S.N.A	
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A	
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A	
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	2	S.A	
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	2	S.A	
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	4	S.A	
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	4	S.A	
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	4	S.A	
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.A	
..2	M0081	6003-001439	SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(WHT),SW	1	S.N.A	
..2	M0081	6003-001439	SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(WHT),SW	1	S.N.A	
..2	T0076	BN39-00615D	CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING,	1	S.A	
..2	M2893	BN39-00849G	LEAD CONNECTOR;LE26A450,UL1007 #26,14P,2	1	S.A	
..2	M0115	BN61-02947A	BRACKET-STAND LINK;JASMINE 32",SECC,T1.6	1	S.N.A	
..2	M0254	BN61-03972A	HOLDER-SIDE AV;L330,HIPS,V0,-,-,BK500,	1	S.N.A	
..2	M0214	BN96-07158V	ASSY CABLE P-FLAT;JADE,FFC CABLE,70*270*	1	S.A	
..2	M2893	BH39-00362G	LEAD CONNECTOR;SONOMA,UL1007#26,5PIN,100	1	S.A	
..2	M2893	BN39-00802A	LEAD CONNECTOR;LE32R86BDX,UL1007#26,UL/C	1	S.A	
..2	M0114	BN61-02500A	HOLDER-WIRE;NYLON6.6,NATURAL	2	S.N.A	
..2	T0764	BN44-00191B	SMPS-LCDTV;MK32P3,SEM,AC/DC,180W,AC100 ~	1	S.A	
..2	M0146	BN61-02419A	BRACKET-PANEL SIDE;SONOMA 32,SECC,T1.2,A	4	S.N.A	
..2	M0412	BN96-04681S	ASSY BRACKET P-PCB;32L330,KO,UO,SECC,,,J	1	S.N.A	
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	3	S.A	
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	3	S.A	
...3	M0131	AA63-01437A	GASKET;Bordeaux,Conductive Fabric,20mm,9	1	S.N.A	
...3		BN61-02199B	BRACKET-GUIDE POWER;Bordeaux 32,SECC,T1.	1	S.N.A	
...3		BN61-02200A	BRACKET-GUIDE POWER L;Bordeaux 32,SECC,T	1	S.N.A	
...3	M0146	BN61-02970A	BRACKET-PANEL TOP;32 BORDEAUX PLUS,SECC,	1	S.N.A	
...3		BN61-02974A	BRACKET-PANEL BOTTOM;32 BORDEAUX PLUS,SE	1	S.N.A	
...3		BN61-02978A	BRACKET-GUIDE MAIN;32 BORDEAUX PLUS,SECC	1	S.N.A	
...3	T0073	BN63-03736A	GASKET-EMI;EMT4-10-6-220R-DM8,Conductive	1	S.N.A	
0.1	M0017	BN91-02146C	ASSY CHASSIS;LN32A330J1DXZA	1	S.N.A	
..2	M0014	BN96-07892B	ASSY PCB P-MAIN;BN94-01724R,LN32A330J1DX	1	S.A	
...3	T0245	0202-001608	SOLDER-WIRE FLUX;LFC7-107,D0.8,99.3Sn/0.	0.25	S.N.A	
...3	JA7003	3701-001400	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,Ni	1	S.A	
...3	CN906	3707-001081	CONNECTOR-OPTICAL;STRAIGHT,SPDIF	1	S.A	
...3	CN330	3711-000058	HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN	1	S.A	
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A	
...3	CN330	3711-004531	HEADER-BOARD TO CABLE;BOX,10P,1R,2mm,ANG	1	S.A	
...3	CN330	3711-005842	HEADER-BOARD TO CABLE;BOX,24P,2R,2MM,STR	1	S.A	
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A	
...3	JA7004	3722-002516	JACK-USB;4P/1C,AU30U,BLK,STRAIGHT,A TYPE	1	S.A	

## 5. Exploded View &amp; Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...3	JA333	3722-002697	JACK-PIN;14P+1P(Shield+Gnd),NI,BLACK,STR	1	S.A	
...3	CIS3	BN40-00125A	TUNER;DTV20FTL111A,DTVS20FTL111A,NTSC/V	1	S.A	
...3		BN61-02470C	HOLDER-CLAMP DMD;NYLON 6/6,NATURAL,DACN-	1	S.N.A	
...3	CCMM1	BN73-00024D	SILICON/RUBBER;BORDEAUX,SILICON,28x28XT6	1	S.A	
...3		BN97-00707A	ASSY HDCP;BN46-00018A,BR20/21BS_CS,MSTAR	1	S.N.A	
...4		BN46-00018A	KEY CODE-CERTIFICATE;(HDCP KEY)PPM42M5S,	1	S.N.A	
...3	T0174	BN97-02237A	ASSY SMD;BN97-02111C;LN32A330J1DX	1	S.N.A	
...4	SUB05	0202-001477	SOLDER-CREAM;LST309-M,-,D20~45um,96.5Sn/	2.51	S.N.A	
...4	D1011	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A	
...4	D9005	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A	
...4	D2002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D2003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D2004	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D2006	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D2008	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D5001	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D7002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D7005	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D7011	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D7012	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D7013	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D7023	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D7025	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D1004	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
...4	D1005	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
...4	D1007L	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
...4	D1008	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
...4	D1009	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
...4	D1010	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
...4	D9004	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
...4	D0254	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A	
...4	D0254	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A	
...4	D0254	0402-001207	DIODE-SCHOTTKY;UPS5819,40V,1000MA,DO-216	1	S.A	
...4	D1006	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
...4	D7017	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
...4	D7018	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
...4	D7050	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
...4	D6002	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D6003	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D6004	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D6005	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D6007	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D6008	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D6013	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D6014	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D6016	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D6017	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D6019	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D6020	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D7019	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D7021	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	



Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	D7027	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7028	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7030	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7032	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7034	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D5002	0403-001425	DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23	1	S.A	
....4	D6001	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6006	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6009	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6010	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6011	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6012	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6015	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6018	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6021	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6022	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6023	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6024	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6025	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7001	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7003	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7010	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7024	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7041	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7042	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7014	0406-001200	DIODE-TVS;RCLAMP0504F,6/-/V,150W,SC-70	1	S.A	
....4	D7051	0406-001271	DIODE-TVS;RCLAMP0524P,6/-/V,150W,SLP251	1	S.A	
....4	D7052	0406-001271	DIODE-TVS;RCLAMP0524P,6/-/V,150W,SLP251	1	S.A	
....4	D7053	0406-001271	DIODE-TVS;RCLAMP0524P,6/-/V,150W,SLP251	1	S.A	
....4	D7054	0406-001271	DIODE-TVS;RCLAMP0524P,6/-/V,150W,SLP251	1	S.A	
....4	D7038	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A	
....4	D7039	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A	
....4	Q1000	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	1	S.A	
....4	Q9004	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	1	S.A	
....4	Q9005	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	1	S.A	
....4	Q2003	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3001L	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q5001	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q7003	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q7004	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q9002	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A	
....4	Q1002L	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A	
....4	Q1003L	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-001165	FET-SILICON;SI3443BDV,P,-20V,+/-4.4A,65mo	1	S.A	
....4	IC104	0801-002633	IC-CMOS LOGIC;7WBD3125,2bit BUS SWITCH,S	1	S.A	
....4	IC104	0801-002633	IC-CMOS LOGIC;7WBD3125,2bit BUS SWITCH,S	1	S.A	
....4	IC2003	0904-001862	IC-I/O SUPPORT CHIP;PCF8574ATS,8Bit,SSOP	1	S.A	
....4	IC6003	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	S.A	

## 5. Exploded View & Part List

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## 5. Exploded View & Part List

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## 5. Exploded View & Part List

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## 5. Exploded View & Part List

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## 5. Exploded View & Part List

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## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000280	C-CER,CHIP;0.01nF,0.5pF,50V,C0G,1608	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,2012	1	S.A	
....4	C120	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,2012	1	S.A	
....4	C120	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,2012	1	S.A	
....4	C120	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,2012	1	S.A	
....4	C120	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,2012	1	S.A	
....4	C120	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,2012	1	S.A	
....4	C120	2203-000627	C-CER,CHIP;0.022nF,5%,50V,C0G,1005	1	S.N.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000851	C-CER,CHIP;0.039nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000851	C-CER,CHIP;0.039nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A	

## 5. Exploded View & Part List

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## 5. Exploded View & Part List

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## 5. Exploded View & Part List

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## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012 (	1	S.N.A	
....4	C120	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012 (	1	S.N.A	
....4	C9014	2402-001323	C-AL,SMD;100uF,20%,25V,LZ,TP,6.3x8mm	1	S.A	
....4	C9017	2402-001323	C-AL,SMD;100uF,20%,25V,LZ,TP,6.3x8mm	1	S.A	
....4	C1086	2409-001129	C-POLYMER ,CHIP;100uF,20%,6.3V,WT,TP,3.5	1	S.A	
....4	T0052	2703-000158	INDUCTOR-SMD;1uH,10%,2012	1	S.A	
....4	T0052	2703-000158	INDUCTOR-SMD;1uH,10%,2012	1	S.A	
....4	T0052	2703-000158	INDUCTOR-SMD;1uH,10%,2012	1	S.A	
....4	T0052	2703-000158	INDUCTOR-SMD;1uH,10%,2012	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000417	INDUCTOR-SMD;220uH,5%,3225	1	S.A	
....4	T0052	2703-001426	INDUCTOR-SMD;680uH,20%,7070	1	S.A	
....4	L9001	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh	1	S.N.A	
....4	L9002	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh	1	S.N.A	
....4	X202	2801-003773	CRYSTAL-SMD;12MHz,30ppm,28-AAN,20pF,50oh	1	S.A	
....4	X202	2801-004604	CRYSTAL-SMD;24.69MHz,30ppm,27pF,40ohm,TP	1	S.A	
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	S.N.A	
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A	



Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A	
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A	
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A	
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A	
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001526	BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,,	1	S.N.A	
....4	T0568	3301-001526	BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,,	1	S.N.A	
....4	T0568	3301-001526	BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,,	1	S.N.A	
....4	T0568	3301-001526	BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,,	1	S.N.A	
....4	T0568	3301-001526	BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,,	1	S.N.A	
....4	T0568	3301-001526	BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0313	3404-001207	SWITCH-TACT;12V,50mA,160gf,6.2X6.2,SPST	1	S.A	
....4	JA7001	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A	
....4	JA7002	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A	
....4	CN3002	3708-001150	CONNECTOR-FPC/FFC/PIC;30P,1mm,SMD-A,SN,Y	1	S.A	
....4	T0077	BN41-00965A	PCB MAIN;FR-4,4,1.2T,192*158	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0018	BN97-02242A	ASSY MICOM;T-CRLAUSC-XXXX,N45A,2007.11.0	1	S.N.A	
....5	IC2005	1107-001735	IC-NOR FLASH;MX25L3205DM2I-12G,32Mbit,16	1	S.A	
....4	Q2005	0504-001129	TR-DIGITAL;KRC104S-I,NPN,200MW,47K/47K,S	1	S.A	
...3	M0107	BN63-01847A	SHIELD-COVER;ROME,SPTE,T0.3,49.5,79.5,HE	1	S.N.A	
0.1	M0045	BN92-03346C	ASSY ACCESSORY;LN32A330J1DXZA	1	S.N.A	
..2	M0045	BN96-07096A	ASSY ACCESSORY-MANUAL;LN32A330J1DXZA	1	S.N.A	
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2,-,9	1	S.N.A	
...3	REV 06	AA68-00371C	MARK RECYCLE-CARD WARRANTY,07,,SEA,W/P10	1	S.N.A	
...3	T0531	BN63-03093A	COVER-BOTTOM;32S81,HIPS,-,-,-,V0,-,BK500	1	S.N.A	

## 5. Exploded View &amp; Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...3	M0560	BN96-01800A	ASSY ACCESSORY-SCREW ZIPPER;ROME32,-,-,-	1	S.N.A	
...4	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	S.A	
...4	ACCESSORY	6902-000683	BAG ZIPPER;LDPE,T0.05,W60,L60,TRP,-,-,2-	1	S.N.A	
...3	M0560	BN96-01800D	ASSY ACCESSORY-SCREW ZIPPER;CORAL,Withou	1	S.N.A	
...4	M0081	6003-001334	SCREW-TAPTITE;BH,+,S,M4,L14,ZPC(BLK),SWR	3	S.N.A	
...4	B/ZIPPER	6902-000683	BAG ZIPPER;LDPE,T0.05,W60,L60,TRP,-,-,2-	1	S.N.A	
...3		AA68-03242L	MANUAL FLYER-03,,SAFETY GUIDE;comm,Samsu	1	S.N.A	
...3		BN68-01402A	MANUAL FLYER-STAND GUIDE;COMM,SAMSUNG,En	1	S.N.A	
...3	M0156	BN68-01514A	MANUAL USERS-01;COMM,SAMSUNG,Eng/Spa,USA	1	S.N.A	
...3		BN68-01516A	MANUAL FLYER-QSG;COMM,SAMSUNG,Eng,N.Amer	1	S.N.A	
...3		BN68-01600A	MANUAL FLYER-01,QSG;COMM,SAMSUNG,Eng,N/A	1	S.N.A	
..2	M0045	BN96-07275A	ASSY ACCESSORY-CABLE;JADE/ZA,ZC,ZX	1	S.A	
...3	T0268	3903-000144	CBF-POWER CORD;DT,US,BP3/Y,U(IEC C13-RA)	1	S.A	
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2,-,9	1	S.N.A	
...3	CLOTH	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,180,200,RHCM	1	S.N.A	
...3	T0074	BN59-00678A	REMOCON;TM-95,39,AMERICA	1	S.A	
..2		BN68-01402A	MANUAL FLYER-STAND GUIDE;COMM,SAMSUNG,En	1	S.N.A	
0.1	M0113	BN92-03402A	ASSY P/MATERIAL;32L330,UO	1	S.N.A	
..2	T0524	6902-000738	BAG PE;HDPE/HDPE/NITRON,T0.015/T0.015/T1	1	S.N.A	
..2	T0003	BH69-00418A	BAG WRAPPING;E770S/UM,LDPE,-,1828M,762,-	5.7	S.N.A	
0.1	M0019	BN92-03347C	ASSY LABEL;LN32A330J1DXZA	1	S.N.A	
0.1	M0003	BN92-03405A	ASSY BOX;32L330,UO	1	S.N.A	
..2	M0103	BN66-00016A	LEVER-TOP;L450,LDPE,GRAY	1	S.N.A	
..2	M0102	BN66-00017A	LEVER-BOTTOM;L450,PP,GRAY	1	S.N.A	
..2		BN69-02510A	BOX-SET;L330 32" DS,CB,A-01,DY-01, AB,YE	1	S.N.A	
0.1	M0590	BN81-01867A	AS-T-CON BOARD;V315B1-L01,00348A,-,-,-,-	1	S.A	
...3		BN68-01516A	MANUAL FLYER-QSG;COMM,SAMSUNG,Eng,N.Amer	1	S.N.A	

## 5-7. LN37A330J1D Parts List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
		LA37A550P1RXXS	LA37A550P1R,N42A/37AP1-GPR,37,LCD-TV,SIN			
0.1	M0001	BN90-01456D	ASSY COVER FRONT;PEARL 37"	1	S.N.A	
..2	T0003	BN96-06707E	ASSY COVER P-FRONT;PEARL 37",Asia,ABS+PM	1	S.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.N.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.N.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	1	S.N.A	
...3	T0069	AA60-00171L	SPACER-FELT;46L3,FELT,460,T0.5,10	2	S.N.A	
...3		BN63-01151A	FELT-NON WOVEN;MM17NS,T0.5,393,10,BLACK	4	S.N.A	
...3	CCM1	BN63-02183H	COVER-SHEET;Rhcm,PE Vinyl,T0.05,1300mm,2	0.7	S.N.A	
...3	M0112	BN63-04193E	COVER-FRONT;PEARL 37",ABS+PMMA,HB,Asia,B	1	S.N.A	
...3	T0061	BN64-00453A	WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS	1	S.N.A	
...3	M0025	BN96-06711A	ASSY DECORATION P;L550-1 37Inch,UO,ABS+P	2	S.N.A	
...4		BN64-00767A	DECORATION-IN;DECORATION-IN 37,ABS HB ,	1	S.N.A	
...4		BN64-00768A	DECORATION-OUT;DECORATION-OUT 37,ABS PMM	1	S.N.A	
...4	CCM1	BN63-02183D	COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20	0.05	S.N.A	
...3		BN96-06730A	ASSY HOLDER P-BOSS;PEARL 37",HIPS HB,,B	1	S.N.A	
...4		BN61-03261J	BOSS-TAPE;Tulip,ACRYL,T1.1,W16.0mm,GRAY,	0.7	S.N.A	
...4		BN61-03709A	HOLDER-BOSS BOTTOM;HOLDER-BOSS-BOTTOM 37	1	S.N.A	
...3	T0527	BN64-00763A	GRILLE-SPEAKER;GRILLE-SPEAKER 32,PET SHE	2	S.N.A	
...3	M0125	BN96-06921C	ASSY BOARD P-FUNCTION & IR 900;LN37A550P	1	S.A	
0.1	M0002	BN90-01466D	ASSY COVER REAR;PEARL 37"	1	S.N.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	1	S.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	13	S.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	2	S.A	
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+B,M3,L6,ZPC(BLK),SWRC	1	S.A	
..2	M0013	BN96-06716C	ASSY COVER P-REAR;PEARL 37",Asia,HIPS,HB	1	S.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.N.A	
...3	T0101	BN61-03348A	BRACKET-WALL;LCD TV 32,SECC T1.2,-,-,-,-	2	S.N.A	
...3	M0006	BN63-04194C	COVER-REAR;PEARL 37",HIPS,HB,Asia,BK500	1	S.N.A	
...3	T0071	BN64-00777A	INLAY-TERMINAL;L450,SO,PS SHEET,T0.5,183	1	S.N.A	
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,LDPE,-,-,BLK,-	1	S.N.A	
0.1	M0216	BN90-01476A	ASSY STAND;L550-1 37Inch	1	S.N.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	4	S.A	
..2	M0027	BN96-06736A	ASSY STAND P-BASE;L550 37Inch,ABS+PMMA,H	1	S.A	
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	4	S.A	
...3	M0081	6003-001239	SCREW-TAPTITE;FH,+,-,B,M4,L10,ZPC(WHT),S	6	S.A	
...3		BN61-02247A	HOLDER-SWIVEL RING;40R71,ACETAL,BLK	1	S.N.A	
...3		BN61-02248A	HOLDER-SWIVEL RING;40R71,ACETAL NATUAL,T	1	S.N.A	
...3		BN61-02885A	HOLDER-SWIVEL RING;MURANO40,ACETAL NATUR	1	S.N.A	
...3		BN61-02886A	BRACKET-HINGE SWIVEL;BORDEAUX PLUS,40,SE	1	S.N.A	
...3	T0920	BN61-03714A	GUIDE-STAND;GUIDE-STAND 37,PC ABS G/F20%	1	S.N.A	
...3		BN61-03715A	BRACKET-STAND BOTTOM;BRACKET-STAND-BOTTO	1	S.N.A	
...3	CCM1	BN63-02183D	COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20	0.4	S.N.A	
...3		BN63-03667A	COVER-STAND SUB;40 PEONY,ABS+PMMA,HB,BK2	1	S.N.A	
...3	T0004	BN63-04200A	COVER-STAND BASE;COVER-STAND-BASE 37,ABS	1	S.N.A	
...3	T0132	BN73-00052A	RUBBER FOOT;ARES 17,CR Rubber Gray,T1.5	6	S.N.A	

## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
0.1		BN91-01964B	ASSY LCD-AUO;LN37A550P1FX*, T370HW02 V4	1	S.N.A	
..2	M0215	BN07-00514A	LCD-PANEL;T370HW02 V4	1	S.A	
0.1	M0112	BN91-01990F	ASSY SHIELD;LA37A550P1RX*,SAMSUNG SMPS,	1	S.N.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	S.A	
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A	
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	6	S.A	
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	2	S.A	
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	7	S.N.A	
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	1	S.N.A	
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A	
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	6	S.N.A	
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A	
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A	
..2	M0081	6003-001439	SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(WHT),SW	1	S.N.A	
..2	M0081	6006-001096	SCREW-TAPTITE;BH,+,WP,B,M4.0,L12,ZPC(BLK	4	S.N.A	
..2	M0081	6006-001096	SCREW-TAPTITE;BH,+,WP,B,M4.0,L12,ZPC(BLK	2	S.N.A	
..2	M2893	BN39-00802F	LEAD CONNECTOR;LE46S86BDX,UL1007#26,24PI	1	S.A	
..2	M2893	BN39-00886A	LEAD CONNECTOR;LE37M86BDX/XEC,UL1007 #26	1	S.A	
..2	T0764	BN44-00216A	SMPS-LCDTV;MK37P5T,SEM,AC/DC,171W,AC100	1	S.A	
..2	M0254	BN61-02875D	HOLDER-SIDE AV;32S81,UO,HIPS,V0(NON-DECA	1	S.N.A	
..2	M0115	BN61-03711A	BRACKET-STAND LINK;BRACKET-STAND-LINK 37	1	S.N.A	
..2		BN61-03761A	HOLDER-WOOFER;32 PEARL,HIPS HB,BK500	2	S.N.A	
..2	M0125	BN96-04817B	ASSY INLET P;LNT4081FX,XAA,250mm,250mm,-	1	S.A	
..2	T0447	BN96-07174A	ASSY BRACKET P-PANEL;L550 37Inch	1	S.N.A	
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	6	S.A	
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A	
...3	T0101	BN61-02968A	BRACKET-WALL;40 BORDEAUX PLUS,SECC,T1.2,	1	S.N.A	
...3		BN61-02977B	BRACKET-PANEL BOTTOM;PEARL 37",SECC,T1.2	1	S.N.A	
...3		BN61-02980A	BRACKET-GUIDE MAIN;37 BORDEAUX PLUS,SECC	1	S.N.A	
...3		BN61-03033A	BRACKET-GUIDE POWER;37 BORDEAUX PLUS,SEC	1	S.N.A	
...3		BN61-03034A	BRACKET-GUIDE POWER;37 BORDEAUX PLUS,SEC	1	S.N.A	
...3	M0146	BN61-03712A	BRACKET-PANEL TOP;BRACKET-PANEL-TOP 37,S	1	S.N.A	
...3	M0131	AA63-01438A	GASKET;Bordeaux,Conductive Fabric,7mm,8m	1	S.N.A	
...3	M0131	BN63-03503A	GASKET;JASMINE,Conductive Fabric,25,8,24	1	S.N.A	
...3	M0131	BN63-03504A	GASKET;JASMINE,Conductive Fabric,25,8,28	1	S.N.A	
..2	M2893	BN39-01046A	LEAD CONNECTOR-LVDS;LE37A556P1F,UL1571#3	1	S.A	
..2	T0175	BN96-06819A	ASSY SPEAKER P;8ohm,PEARL,LCD,10W,100mm,	2	S.A	
..2	T0175	BN96-06820B	ASSY SPEAKER P;8ohm,PEARL,LCD 37"/40",10	1	S.A	
..2	M0114	BN61-02500A	HOLDER-WIRE;NYLON6.6,NATURAL	3	S.N.A	
..2	M2893	BP39-00177B	LEAD CONNECTOR;RE40**,UL1007#26,5P,150mm	1	S.A	
0.1	M0003	BN92-03135C	ASSY BOX;PEARL 37"	1	S.N.A	
..2		BN69-02310F	BOX-SET,OUT;L550-37,CB,DY-01,AB,YEL,A1,E	1.02	S.N.A	
..2	M0521	BN69-02311A	BOX-SET,IN;L550-37,CB,A1,DY-01,W1505,D69	1.02	S.N.A	
0.1	M0113	BN92-03145A	ASSY P/MATERIAL;L550-1 37Inch	1	S.N.A	
..2	T0376	6902-000001	BAG AIR;LDPE,T0.2,L1800,W1000,TRP,,,LDPE	0.01	S.N.A	
..2	T0376	6902-000061	BAG AIR;LDPE,T0.2,L1000,W500,TRP,,,	0.028	S.N.A	
..2	T0524	6902-000524	BAG PE;HDPE/NITRON,T0.015/T0.5,W1200,L11	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
..2		6922-000003	BAND PP;PP,T0.8,W18,L1650M,TRP,DA69-9014	4.74	S.N.A	
..2	T0214	BN74-00008A	TAPE-OPP MASKING;OPP-2,T0.05,W100,L800M,	1.27	S.N.A	
..2	T0214	AA61-20285C	HOLDER-BOX;CORAL,PP,BLACK,HB	2	S.N.A	
0.1	M0045	BN92-03352B	ASSY ACCESSORY;LA37A550P1RXXS	1	S.N.A	
..2	M0045	BN96-06964H	ASSY ACCESSORY-MANUAL;SQE-LA32A550P1RXXS	1	S.A	
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	1	S.N.A	
...3	T0210	AA68-03242M	MANUAL FLYER-01,SAFETY GUIDE;comm,Samsun	1	S.N.A	
...3	T0511	BN68-01415A	MANUAL USERS;COMM,SAMSUNG,Eng,Asia,W/P 8	1	S.N.A	
..2	M0045	BN96-06965Q	ASSY ACCESSORY-CABLE;LA37A550P1RXXS	1	S.A	
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	1	S.N.A	
...3	T0268	3903-000193	CBF-POWER CORD;DT,GB,GP3/YES,U(IEC C13-R	1	S.A	
...3	T0074	BN59-00686A	REMOCON;TM-96B,49,EUROPE_READY-550	1	S.A	
...3		BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,180,200,RHCM	1	S.N.A	
...3	T0531	BN63-04208A	COVER-BOTTOM;COVER-BOTTOM 37,HIPS,HB,BK5	1	S.N.A	
0.1	M0017	BN91-01988C	ASSY CHASSIS;LA37A550P1RX*,N42A,PEARL	1	S.N.A	
..2	M0014	BN94-01743B	ASSY PCB MAIN;PEARL	1	S.A	
...3	T0245	0202-001608	SOLDER-WIRE FLUX;LFC7-107,D0.8,99.3Sn/0.	0.25	S.N.A	
...3	CN3003_NSI	3701-001388	CONNECTOR-HDMI;20P,Phosphor Bronze,ANGLE	1	S.A	
...3	CN3009	3701-001480	CONNECTOR-DSUB;15P,3R,FEMALE,STAMPED PIN	1	S.A	
...3	CN330	3711-000058	HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN	1	S.A	
...3	CN330	3711-004379	HEADER-BOARD TO CABLE;BOX,4P,1R,2mm,STRA	1	S.A	
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A	
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A	
...3	CN330	3711-004531	HEADER-BOARD TO CABLE;BOX,10P,1R,2mm,ANG	1	S.A	
...3	CN330	3711-005842	HEADER-BOARD TO CABLE;BOX,24P,2R,2MM,STR	1	S.A	
...3	JA330	3722-000143	JACK-PHONE;1P(VER),AG,BLK,ANGLE	1	S.A	
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A	
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A	
...3	CN3006_NSI	3722-002275	JACK-DIN;4P,-,SN,BLK,-	1	S.A	
...3	CN3011_NSI	3722-002546	JACK-USB;4P/1C,AU,BLK,ANGLE,A type	1	S.N.A	
...3	JA333	3722-002690	JACK-PIN;3P,Ni,RED/WHT/YEL,ANGLE	1	S.A	
...3	JA333	3722-002691	JACK-PIN;2P,Ni,WHT/RED,STRAIGHT	1	S.A	
...3	JA333	3722-002691	JACK-PIN;2P,Ni,WHT/RED,STRAIGHT	1	S.A	
...3	JA333	3722-002699	JACK-PIN;3P,Ni,YEL/WHT/RED,STRAIGHT	1	S.A	
...3	JA333	3722-002711	JACK-PIN;10P,Ni,GRN/BLU/RED/WHT/RED,STRA	1	S.A	
...3	CIS3	BN40-00098A	TUNER;HTM-6B/235S,HTM-6B/235S,PAL BG,DK,	1	S.A	
...3	T0174	BN97-02131B	ASSY SMD;PEARL	1	S.N.A	
....4	SUB05	0202-001278	SOLDER-CREAM;M705-221BM5-32-11,-,20~40UM	3.44	S.N.A	
....4	D1006	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A	
....4	D1001	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1010	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3001_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3002_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3013	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3014	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3015	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3017	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	



## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	D3018	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3019_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3020_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3021_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3022_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3024_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3025_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3026_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3027_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3036_NT	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3037_NT	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3038_NT	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3043	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3050	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3053	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3055_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3056	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3057_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3060	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3061	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3062_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3064	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3065	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3067	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3068	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3069	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3074	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3075	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3076	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3082	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3083	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3085	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3086	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3087	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3089	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3092	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3095	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3099	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3102	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3200	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3201	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3210_L	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3211_L	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3212_L	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D5002_CEC	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D2004	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D2005	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D2007	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D2008	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D2010	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D5003	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	D5004	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D5006	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D2006	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3009	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3034	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3035	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3045_NSID	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3052_NSID	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3058	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3059_NSID	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3070	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3071	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3072	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3073	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3078	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3080	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3046	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D3081	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D3106	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D3023	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D1011	0403-001425	DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23	1	S.A	
....4	D0254	0404-001020	DIODE-SCHOTTKY;BAT54C,30V,200mA,SOT-23,T	1	S.A	
....4	D0254	0404-001020	DIODE-SCHOTTKY;BAT54C,30V,200mA,SOT-23,T	1	S.A	
....4	D0254	0404-001020	DIODE-SCHOTTKY;BAT54C,30V,200mA,SOT-23,T	1	S.A	
....4	D3004	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3005	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3007	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3012	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3028	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3029	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3030	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3032	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3040	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3044	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3048_NSID	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3049_NSID	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3063_NSID	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3066_NSID	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3077	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3079	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3003	0406-001181	DIODE-TVS;NUP4201MR6,6/-/-V,500W,TSOP-6	1	S.A	
....4	D2003	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A	
....4	D2009	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A	
....4	Q1011	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q2002	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3001	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3008	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3009	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3010	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3013	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3020	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	



## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	Q3027_L	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3028_L	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3030_L	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q5004	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q5030	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q6001_L	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q2001	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A	
....4	Q2003	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A	
....4	Q3029_L	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A	
....4	Q1001_L	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A	
....4	Q1007_NAL	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A	
....4	Q1010_L50	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A	
....4	Q1012_HY	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A	
....4	Q3015	0501-002184	TR-SMALL SIGNAL;KTD1304,NPN,200mW,SOT-23	1	S.A	
....4	Q3016	0501-002184	TR-SMALL SIGNAL;KTD1304,NPN,200mW,SOT-23	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-001170	FET-SILICON;SI9933ADY-T1,P,-20V,3.4A,0.0	1	S.A	
....4	IC5008	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	S.A	
....4	IC106	1001-001513	IC-VIDEO SWITCH;TMDS351PAG,TQFP,64P,9x9mm	1	S.A	
....4	IC2002	1002-001509	IC-A/D&D/A CONVERTER;MT8291,24bit,LQFP,4	1	S.A	
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A	
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A	
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A	
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A	
....4	IC112	1103-001385	IC-EEPROM;AT24C256,256Kbit,32Kx8,SOP,8P,	1	S.A	
....4	IC113	1105-001828	IC-DRAM;HYB18TC256160BF,DDR2,256Mbit,16M	1	S.A	
....4	IC113	1105-001828	IC-DRAM;HYB18TC256160BF,DDR2,256Mbit,16M	1	S.A	
....4	DU410	1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10	1	S.A	
....4	T0124	1201-002677	IC-POWER AMP;NTP3100,QFN56,56P,8x8mm,DUA	1	S.A	
....4	T0087	1203-001815	IC-POSI.FIXED REG.;78M09,TO-252,3P,-,PLA	1	S.A	
....4	T0087	1203-002842	IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P	1	S.A	
....4	IC012	1203-002995	IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A	
....4	IC012	1203-002995	IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A	
....4	IC012	1203-002995	IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A	
....4	IC012	1203-002995	IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A	
....4	IC012	1203-002995	IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A	
....4	IC3007	1203-003394	IC-POWER SUPERVISOR;MIC2544-1YM,SOP,8P,4	1	S.A	
....4	IC5001	1203-004363	IC-VOL. DETECTOR;RT9818C-29PV,SOT-23,3P,	1	S.A	
....4	IC2003	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A	
....4	IC1005	1203-005188	IC-DC/DC CONVERTER;AOZ1021AIL,SOP,8P,4.9	1	S.A	
....4	IC1019	1203-005188	IC-DC/DC CONVERTER;AOZ1021AIL,SOP,8P,4.9	1	S.A	
....4	IC118	1204-002779	IC-VIDEO PROCESS;S4LF122X01,PBGA,208P,17	1	S.A	
....4	IC118	1204-002869	IC-VIDEO PROCESS;MT8226FJ,BGA,569P,31x31	1	S.A	
....4	IC3017	1205-003201	IC-BUS SWITCH;TC7WB125FK,SSOP,8P,2x2.3mm	1	S.A	
....4	IC3018	1205-003201	IC-BUS SWITCH;TC7WB125FK,SSOP,8P,2x2.3mm	1	S.A	

## 5. Exploded View & Part List

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## 5. Exploded View & Part List

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## 5. Exploded View & Part List

[illegible]

## 5. Exploded View & Part List

[illegible]

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-000606	R-CHIP;240ohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000606	R-CHIP;240ohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000651	R-CHIP;27Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000726	R-CHIP;300ohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000869	R-CHIP;4.7Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000962	R-CHIP;5.1Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000979	R-CHIP;5.6Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000987	R-CHIP;5.6OHM,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000987	R-CHIP;5.6OHM,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000987	R-CHIP;5.6OHM,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000987	R-CHIP;5.6OHM,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000999	R-CHIP;510ohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000999	R-CHIP;510ohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-001002	R-CHIP;510ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-001002	R-CHIP;510ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-001010	R-CHIP;51Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001308	R-CHIP;200ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001308	R-CHIP;200ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001308	R-CHIP;200ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001308	R-CHIP;200ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001308	R-CHIP;200ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001308	R-CHIP;200ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001308	R-CHIP;200ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001325	R-CHIP;3.3Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001325	R-CHIP;3.3Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-003112	R-CHIP;27ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007096	R-CHIP;160ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007297	R-CHIP;110ohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-007297	R-CHIP;110ohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007528	R-CHIP;1.5Kohm,1%,1/16W,TP,1005	1	S.A	

## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R5148	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5070	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5071	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5072	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5073	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5074	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5075	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5144	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5145	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5146	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5147	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA6001_FBE	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA6074	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA6075	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA6078	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA6079	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	R5162	2011-001011	R-NETWORK;10Kohm,5%,1/16W,L,CHIP,8P,TP,3	1	S.A	
....4	C120	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	

## 5. Exploded View & Part List

[illegible]

## 5. Exploded View & Part List

[illegible]



## 5. Exploded View & Part List

[illegible]



## 5. Exploded View & Part List

[illegible]

## 5. Exploded View & Part List

[illegible]

## 5. Exploded View & Part List

[illegible]

## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012 (	1	S.N.A	
....4	C2037	2402-001128	C-AL,SMD;100##F,20%,16V,-,TP,6.3X5.7mm	1	S.A	
....4	C2038	2402-001128	C-AL,SMD;100##F,20%,16V,-,TP,6.3X5.7mm	1	S.A	
....4	C3003	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A	
....4	C3054	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A	
....4	C5023	2402-001160	C-AL,SMD;330UF,20%,16V,WT,TP,1008	1	S.A	
....4	C1048	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A	
....4	C1061	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A	
....4	C1007	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A	
....4	C1034	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A	
....4	C1046	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A	
....4	C1011	2402-001323	C-AL,SMD;100##F,20,25V,LZ,TP,6.3X8mm	1	S.A	
....4	C2060	2402-001323	C-AL,SMD;100##F,20,25V,LZ,TP,6.3X8mm	1	S.A	
....4	C2062	2402-001323	C-AL,SMD;100##F,20,25V,LZ,TP,6.3X8mm	1	S.A	
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A	
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A	
....4	T0052	2703-000417	INDUCTOR-SMD;220uH,5%,3225	1	S.A	
....4	T0052	2703-001426	INDUCTOR-SMD;680uH,20%,7070	1	S.A	
....4	T0052	2703-003362	INDUCTOR-SMD;4.7uH,20%,7070	1	S.A	
....4	T0052	2703-003362	INDUCTOR-SMD;4.7uH,20%,7070	1	S.A	
....4	L2001	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh	1	S.N.A	
....4	L2002	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh	1	S.N.A	
....4	X202	2801-003326	CRYSTAL-SMD;24MHZ,30PPM,28-ABX,20PF,50OH	1	S.A	
....4	X202	2801-003954	CRYSTAL-SMD;27MHz,30ppm,28-AAN,16pF,50oh	1	S.A	
....4	F103	2901-001302	FILTER-EMI SMD;20V,0.3A,0pF,2.0x1.2x1.3m	1	S.A	
....4	F103	2901-001302	FILTER-EMI SMD;20V,0.3A,0pF,2.0x1.2x1.3m	1	S.A	
....4	F103	2901-001302	FILTER-EMI SMD;20V,0.3A,0pF,2.0x1.2x1.3m	1	S.A	
....4	F103	2901-001302	FILTER-EMI SMD;20V,0.3A,0pF,2.0x1.2x1.3m	1	S.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	

## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001163	BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz	1	S.N.A	
....4	T0568	3301-001163	BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz	1	S.N.A	
....4	T0568	3301-001163	BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz	1	S.N.A	
....4	T0568	3301-001163	BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz	1	S.N.A	
....4	T0568	3301-001163	BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz	1	S.N.A	
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A	
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A	
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A	
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A	
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A	
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A	
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A	
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A	
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A	
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A	
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	J A3001	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A	
....4	J A3003	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A	
....4	T0077	B N41-01019A	P C B MAIN;MT8226 READY PEARL 550/650,FR-4	1	S.N.A	
....4	M0107	B N61-03858A	B RACKET-P C B ; L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0107	B N61-03858A	B RACKET-P C B ; L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0107	B N61-03858A	B RACKET-P C B ; L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0107	B N61-03858A	B RACKET-P C B ; L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	

## 5. Exploded View &amp; Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	CN330	3711-006374	HEADER-BOARD TO CABLE;BOX,41P,2R,1.25mm,	1	S.A	
0.1	M0019	BN92-03235J	ASSY LABEL;LA37A550P1R*	1	S.N.A	



## 5-8. LN40A330J1D Parts List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
		LN40A330J1DXZX	LN40A330J1D,N45A/40S80-GJE,40,LCD-TV,MEX			
0.1	M0001	BN90-01204S	ASSY COVER FRONT;40L330	1	S.N.A	
..2	T0003	BN96-04753X	ASSY COVER P-FRONT;40L330,UO,PC+ABS,V0,B	1	S.A	
...3	M0081	6003-000275	SCREW-TAPTITE;BH,+,-,B,M3,L10,ZPC(BLK),S	1	S.N.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.N.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.N.A	
...3	M0081	6006-001096	SCREW-TAPTITE;BH,+,WP,B,M4.0,L12,ZPC(BLK	4	S.N.A	
...3	M0162	6502-001067	CABLE CLAMP;DAFC-1300,ID2.2,T5.2,NYLIN6/	2	S.N.A	
...3	T0069	AA60-00171V	SPACER-FELT;BE46PS,FELT,500,T0.35,10	2	S.N.A	
...3	T0060	BN61-01655A	SPRING ETC;STS-304 SUS,D8,L12,T0.5	1	S.N.A	
...3	FELT	BN63-01925A	FELT-VIBRATION;42D5,FELT,T0.35,10,370	2	S.N.A	
...3	CCM1	BN63-02183H	COVER-SHEET;Rhcm,PE Vinyl,T0.05,1300mm,2	1.11	S.N.A	
...3	M0112	BN63-03124K	COVER-FRONT;40L330,UO,PC+ABS,V0,BK25,S/M	1	S.N.A	
...3	T0059	BN64-00366A	INDICATOR LED;ROME-I,PC,CLEAR,ALL MODEL	1	S.N.A	
...3	T0022	BN64-00467D	KNOB CONTROL;MOSEL32,ABS,-,-,-,V0(NT),BK	1	S.N.A	
...3	T0023	BN64-00589A	KNOB POWER;32S81,PC,-,-,-,-,VIOLET,-,-	1	S.N.A	
...3	T0054	BN64-00590A	KNOB-DECORATION;JASMINE 32,ABS,-,-,-,HB,	1	S.N.A	
...3	M0145	BN96-03466A	ASSY BOARD P-FUNCTION;SONOMA,SJ06-01-008	1	S.A	
...3	M0025	BN96-04747D	ASSY DECORATION P;40L330,PC+ABS,V0	1	S.N.A	
...4	B/TAPE	BN61-03261C	BOSS-TAPE;Tulip,ACRYL,T1.1,W24mm,GRAY,TA	0.85	S.N.A	
...4	T0056	BN63-03126D	COVER-DECORATION;40L330,PC+ABS,V0	1	S.N.A	
...3	T0175	BN96-04770B	ASSY SPEAKER P;8ohm,4pin,10W,600/1250mm,	1	S.A	
...3	M0146	BN96-04884F	ASSY BOARD P-POWER & IR;LNT4042HX/XAA,CT	1	S.A	
0.1	M0002	BN90-01209T	ASSY COVER REAR;40L330	1	S.N.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	1	S.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	2	S.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	12	S.A	
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	1	S.A	
..2	M0013	BN96-04758J	ASSY COVER P-REAR;40L330,UO,HIPS,V0,BK50	1	S.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.N.A	
...3	T0069	AA60-00171V	SPACER-FELT;BE46PS,FELT,500,T0.35,10	4	S.N.A	
...3	T0101	BN61-03348A	BRACKET-WALL;LCD TV 32,SECC T1.2,-,-,-,-	2	S.N.A	
...3	M0006	BN63-03125D	COVER-REAR;40L330,UO,HIPS,-,-,-,V0,-,BK5	1	S.N.A	
...3	T0071	BN64-00818A	INLAY-TERMINAL;L330/L430,UO,PS SHEET,T0.	1	S.N.A	
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,LDPE,-,-,BLK,-	1	S.N.A	
0.1	M0216	BN90-01617A	ASSY STAND;37,40L330,UO	1	S.N.A	
..2	M0027	BN96-07541A	ASSY STAND P-BASE;40L330,ABS+PMMA,HB,BK2	1	S.A	
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	4	S.A	
...3	M0081	6003-001239	SCREW-TAPTITE;FH,+,-,B,M4,L10,ZPC(WHT),S	8	S.A	
...3	H/SRTOP	BN61-02248A	HOLDER-SWIVEL RING;40R71,ACETAL NATUAL,T	1	S.N.A	
...3	B/SBOTTOM	BN61-02883A	BRACKET-STAND BOTTOM;BORDEAUX PLUS,40,SE	1	S.N.A	
...3	H/SRBOTTOM	BN61-02885A	HOLDER-SWIVEL RING;MURANO40,ACETAL NATUR	1	S.N.A	
...3	B/HSWIVEL	BN61-02886A	BRACKET-HINGE SWIVEL;BORDEAUX PLUS,40,SE	1	S.N.A	
...3	T0920	BN61-03979A	GUIDE-STAND;L330 40INCH,PC+GF 20%,BLK	1	S.N.A	
...3	CCM1	BN63-02183E	COVER-SHEET;Rhcm,PE Vinyl,T0.05,750mm,20	0.5	S.N.A	
...3	T0004	BN63-03030A	COVER-STAND BASE;40R81,ABS+PMMA,-,-,-,HB	1	S.N.A	



Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...3	A/SCREW	BN96-01800A	ASSY ACCESSORY-SCREW ZIPPER;ROME32,-,-,-	1	S.N.A	
...4	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	S.A	
...4	ACCESSORY	6902-000683	BAG ZIPPER;LDPE,T0.05,W60,L60,TRP,-,-,2-	1	S.N.A	
...3		BN68-01402B	MANUAL FLYER-STAND GUIDE;COMM,SAMSUNG,En	1	S.N.A	
...3	M0045	BN96-01800D	ASSY ACCESSORY;CORAL,Without Stand	1	S.A	
...4	M0081	6003-001334	SCREW-TAPTITE;BH,+,S,M4,L14,ZPC(BLK),SWR	3	S.N.A	
...4	B/ZIPPER	6902-000683	BAG ZIPPER;LDPE,T0.05,W60,L60,TRP,-,-,2-	1	S.N.A	
...3	ASTGUIDE	BN96-07936A	ASSY STAND P-GUIDE;L450 32INCH,PC+,GF(20	1	S.N.A	
...4		BN61-02932B	BRACKET-STOPPER NUT;L450,M4,OD8,-,-,L24,	3	S.N.A	
...4		BN61-03873A	GUIDE-STAND BOTTOM;L450 40INCH,PC+GF(20%	1	S.N.A	
...3	M0126	BN73-00052C	RUBBER-FOOT;LCD TV,CR RUBBER,T2.0 DIA19,	4	S.N.A	
0.1	M0112	BN91-02145A	ASSY SHIELD;LN40A330J1DXZA	1	S.N.A	
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	6	S.A	
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A	
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	3	S.A	
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	2	S.A	
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A	
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A	
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	6	S.N.A	
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	6	S.N.A	
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	3	S.N.A	
..2	M0081	6003-001439	SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(WHT),SW	1	S.N.A	
..2	M0081	6003-001439	SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(WHT),SW	1	S.N.A	
..2	M2893	BN39-00802F	LEAD CONNECTOR;LE46S86BDX,UL1007#26,24PI	1	S.A	
..2	M2893	BN39-00830C	LEAD CONNECTOR;LN40A450C1D,UL3443 #28,7P	1	S.A	
..2	M2893	BN39-01024A	LEAD CONNECTOR;LN46A550P1FXZA,UL1007#26,	1	S.A	
..2	M0174	BN44-00199A	IP BOARD;IP-211135,PEARL,15mA,130mA,150H	1	S.A	
..2	M0146	BN61-02256B	BRACKET-PANEL SIDE;Bordeaux 40,SECC,T1.2	1	S.N.A	
..2	M0146	BN61-02257B	BRACKET-PANEL SIDE;Bordeaux 40,SECC,T1.2	1	S.N.A	
..2	M0115	BN61-02882A	BRACKET-STAND LINK;TULIP,40,SECC,T1.6,-,	1	S.N.A	
..2	M0254	BN61-03972A	HOLDER-SIDE AV;L330,HIPS,V0,-,-,BK500,	1	S.N.A	
..2	M0125	BN96-05490A	ASSY INLET P;LE52M87BDX,XEC,300,300,150m	1	S.A	
..2	M0114	BN61-02500A	HOLDER-WIRE;NYLON6.6,NATURAL	3	S.N.A	
..2	M0214	BN96-07158E	ASSY CABLE P-FLAT;CORAL,FFC CABLE,95*400	1	S.A	
..2		BN68-01402B	MANUAL FLYER-STAND GUIDE;COMM,SAMSUNG,En	1	S.N.A	
..2	M2893	BN39-00674A	LEAD CONNECTOR;LNR469DX/XAA,UL1007#26,5P	1	S.A	
..2	M0412	BN96-04679L	ASSY BRACKET P-PCB;40L330,UO,EO,SECC,,,J	1	S.N.A	
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A	
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A	
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A	
...3		BN61-02963A	BRACKET-GUIDE POWER;40 BORDEAUX PLUS,SEC	1	S.N.A	
...3	T0101	BN61-02968A	BRACKET-WALL;40 BORDEAUX PLUS,SECC,T1.2,	1	S.N.A	
...3	M0146	BN61-02972A	BRACKET-PANEL TOP;40 BORDEAUX PLUS,SECC,	1	S.N.A	
...3		BN61-02975A	BRACKET-GUIDE POWER;40 BORDEAUX PLUS,SEC	2	S.N.A	
...3		BN61-02979A	BRACKET-PANEL BOTTOM;40 BORDEAUX PLUS,SE	1	S.N.A	
...3		BN61-02982A	BRACKET-GUIDE MAIN;40 BORDEAUX PLUS,SECC	1	S.N.A	
...3	M0131	BN63-02950A	GASKET;LE32M73BDX,Conductive Fabric,300m	2	S.N.A	
...3	M0131	BN63-03519A	GASKET;Tulip,Conductive Fabric,10,14,300	1	S.N.A	
...3	T0069	BP60-00015D	SPACER-FELT;617W,FELT,L760,T0.5,W10	1	S.N.A	

## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
0.1	M0017	BN91-02146E	ASSY CHASSIS;LN40A330J1DXZA	1	S.A	
..2	M0014	BN94-01724E	ASSY PCB MAIN;LN40A330J1DXZA	1	S.A	
...3	T0245	0202-001608	SOLDER-WIRE FLUX;LFC7-107,D0.8,99.3Sn/0.	0.25	S.N.A	
...3	JA7003	3701-001400	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,Ni	1	S.A	
...3	CN906	3707-001081	CONNECTOR-OPTICAL;STRAIGHT,SPDIF	1	S.A	
...3	CN330	3711-000058	HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN	1	S.A	
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A	
...3	CN330	3711-004531	HEADER-BOARD TO CABLE;BOX,10P,1R,2mm,ANG	1	S.A	
...3	CN330	3711-005842	HEADER-BOARD TO CABLE;BOX,24P,2R,2MM,STR	1	S.A	
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A	
...3	JA7004	3722-002516	JACK-USB;4P/1C,AU30U,BLK,STRAIGHT,A TYPE	1	S.A	
...3	CIS3	AA40-00177A	TUNER;TDQU6-K01A,TDQU6-K01A,NTSC/ATSC,18	1	S.A	
...3	M0107	BN63-01847A	SHIELD-COVER;ROME,SPTT,T0.3,49.5,79.5,HE	1	S.N.A	
...3	CCMM1	BN73-00024D	SILICON/RUBBER;BORDEAUX,SILICON,28x28XT6	1	S.N.A	
...3	T0174	BN97-02111E	ASSY SMD;LN40A330J1DXZA	1	S.N.A	
....4	SUB05	0202-001477	SOLDER-CREAM;LST309-M,-,D20~45##,96.5Sn/	2.51	S.N.A	
....4	D1011	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A	
....4	D9005	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A	
....4	D2002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D2003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D2004	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D2006	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D2008	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D5001	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D7002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D7005	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D7011	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D7012	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D7013	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D7023	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D7025	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1004	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D1005	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D1007L	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D1008	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D1009	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D1010	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D9004	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D0254	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A	
....4	D0254	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A	
....4	D0254	0402-001207	DIODE-SCHOTTKY;UPS5819,40V,1000MA,DO-216	1	S.A	
....4	D1006	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D7017	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D7018	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D7050	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D6002	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6003	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6004	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6005	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6007	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6008	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	D6013	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6014	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6016	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6017	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6019	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6020	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7019	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7021	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7027	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7028	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7030	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7032	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7034	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D5002	0403-001425	DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23	1	S.A	
....4	D6001	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6006	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6009	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6010	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6011	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6012	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6015	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6018	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6021	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6022	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6023	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6024	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6025	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7001	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7003	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7010	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7024	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7041	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7042	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7014	0406-001200	DIODE-TVS;RCLAMP0504F,6/-/V,150W,SC-70	1	S.A	
....4	D7051	0406-001271	DIODE-TVS;RCLAMP0524P,6/-/V,150W,SLP251	1	S.A	
....4	D7052	0406-001271	DIODE-TVS;RCLAMP0524P,6/-/V,150W,SLP251	1	S.A	
....4	D7053	0406-001271	DIODE-TVS;RCLAMP0524P,6/-/V,150W,SLP251	1	S.A	
....4	D7054	0406-001271	DIODE-TVS;RCLAMP0524P,6/-/V,150W,SLP251	1	S.A	
....4	D7038	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A	
....4	D7039	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A	
....4	Q1000	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	1	S.A	
....4	Q9004	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	1	S.A	
....4	Q9005	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	1	S.A	
....4	Q2003	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3001L	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q5001	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q7003	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q7004	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q9002	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A	
....4	Q1002L	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A	
....4	Q1003L	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A	

## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	Q2005	0504-000129	TR-DIGITAL;KSR1104,NPN,200mW,47K/47K,SOT	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-001165	FET-SILICON;SI3443BDV,P,-20V,+4.4A,65mo	1	S.A	
....4	IC104	0801-002633	IC-CMOS LOGIC;7WBD3125,2bit BUS SWITCH,S	1	S.A	
....4	IC104	0801-002633	IC-CMOS LOGIC;7WBD3125,2bit BUS SWITCH,S	1	S.A	
....4	IC2003	0904-001862	IC-I/O SUPPORT CHIP;PCF8574ATS,8Bit,SSOP	1	S.A	
....4	IC6003	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	S.A	
....4	IC106	1001-001082	IC-VIDEO SWITCH;BA7657F,-,SOP,24P,300MIL	1	S.A	
....4	IC106	1001-001513	IC-VIDEO SWITCH;TMDS351PAG,TQFP,64P,9x9m	1	S.A	
....4	IC6001	1006-001266	IC-LINE TRANSCEIVER;SP3232EEY,TSSOP,16P,	1	S.A	
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A	
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A	
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A	
....4	IC112	1103-001406	IC-EEPROM;AT24C512BN-SH25-T,512Kbit,64Kx	1	S.A	
....4	IC201C	1105-001838	IC-DDR SDRAM;EM6A9160TS0A-5G,DDR SDRAM,1	1	S.A	
....4	IC202C	1105-001838	IC-DDR SDRAM;EM6A9160TS0A-5G,DDR SDRAM,1	1	S.A	
....4	DU410	1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10	1	S.A	
....4	DU410	1201-000541	IC-OP AMP;062,SOP,8P,153MIL,DUAL,6V/mV,P	1	S.A	
....4	T0085	1201-002487	IC-AUDIO AMP;MAX9728A,QFN,12P,3x3mm,DUAL	1	S.A	
....4	T0124	1201-002678	IC-POWER AMP;STA335BWS,PSSO,36P,10.3x7.5	1	S.A	
....4	IC012	1203-001195	IC-POS1.ADJUST REG.;1587,TO-263,3P,393MI	1	S.A	
....4	IC012	1203-001195	IC-POS1.ADJUST REG.;1587,TO-263,3P,393MI	1	S.A	
....4	T0087	1203-001815	IC-POS1.FIXED REG.;78M09,TO-252,3P,-,PLA	1	S.A	
....4	T0087	1203-002835	IC-POS1.FIXED REG.;KIA7805AF,DPAK,3P,6.6	1	S.A	
....4	T0087	1203-002842	IC-POS1.FIXED REG.;AP1117D-33A,TO-252,3P	1	S.A	
....4	IC012	1203-002995	IC-POS1.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A	
....4	IC012	1203-002995	IC-POS1.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A	
....4	T0087	1203-003121	IC-POS1.FIXED REG.;FAN1112,SOT-223,3P,6.	1	S.A	
....4	IC1005	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A	
....4	IC1007	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A	
....4	IC118	1204-002779	IC-VIDEO PROCESS;S4LF122X01,PBGA,208P,17	1	S.A	
....4	IC5002	1204-002818	IC-DEMODULATOR;S5H1411,-,100P,14x14mm,PL	1	S.A	
....4	IC3001	1204-002834	IC-DECODER;SEMS10-LF,LQFP,256P,28x28mm,P	1	S.A	
....4	R110	2007-000041	R-CHIP;475ohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000041	R-CHIP;475ohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	

## 5. Exploded View & Part List

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## 5. Exploded View & Part List

[illegible]

## 5. Exploded View & Part List

[illegible]



## 5. Exploded View & Part List

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## 5. Exploded View & Part List

[illegible]

## 5. Exploded View & Part List

[illegible]

## 5. Exploded View & Part List

[illegible]

## 5. Exploded View & Part List

[illegible]

## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-001325	R-CHIP;3.3Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001325	R-CHIP;3.3Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001325	R-CHIP;3.3Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001325	R-CHIP;3.3Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001433	R-CHIP;12Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-007008	R-CHIP;300ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007008	R-CHIP;300ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007095	R-CHIP;390ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007142	R-CHIP;10Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007142	R-CHIP;10Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007316	R-CHIP;3.3Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007318	R-CHIP;1Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007318	R-CHIP;1Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007318	R-CHIP;1Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007334	R-CHIP;200Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008813	R-CHIP;909ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-009853	R-CHIP;1.6Kohm,1%,1/16W,TP,1005	1	S.A	
....4	R2001	2011-001261	R-NETWORK;33ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R2002	2011-001261	R-NETWORK;33ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R2003	2011-001261	R-NETWORK;33ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R2004	2011-001261	R-NETWORK;33ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R2005	2011-001261	R-NETWORK;33ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R2006	2011-001261	R-NETWORK;33ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R2007	2011-001261	R-NETWORK;33ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R2008	2011-001261	R-NETWORK;33ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	C120	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	



## 5. Exploded View & Part List

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Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,2012	1	S.A	
....4	C120	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,2012	1	S.A	
....4	C120	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,2012	1	S.A	
....4	C120	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,2012	1	S.A	
....4	C120	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,2012	1	S.A	
....4	C120	2203-000627	C-CER,CHIP;0.022nF,5%,50V,C0G,1005	1	S.N.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000851	C-CER,CHIP;0.039nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000851	C-CER,CHIP;0.039nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000995	C-CER,CHIP;0.047nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-001072	C-CER,CHIP;0.056nF,5%,50V,NP0,1005	1	S.A	
....4	C120	2203-001153	C-CER,CHIP;0.068nF,5%,50V,NP0,1005	1	S.A	
....4	C120	2203-001153	C-CER,CHIP;0.068nF,5%,50V,NP0,1005	1	S.A	
....4	C120	2203-001412	C-CER,CHIP;0.03nF,5%,50V,NP0,TP,1005	1	S.N.A	
....4	C120	2203-001412	C-CER,CHIP;0.03nF,5%,50V,NP0,TP,1005	1	S.N.A	
....4	C120	2203-001598	C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012	1	S.A	
....4	C120	2203-001598	C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012	1	S.A	
....4	C120	2203-001598	C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012	1	S.A	
....4	C120	2203-001598	C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012	1	S.A	
....4	C120	2203-001598	C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012	1	S.A	
....4	C120	2203-001598	C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012	1	S.A	
....4	C120	2203-001598	C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012	1	S.A	
....4	C120	2203-001598	C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012	1	S.A	
....4	C120	2203-001598	C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012	1	S.A	
....4	C120	2203-002525	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005	1	S.N.A	
....4	C120	2203-002525	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005	1	S.N.A	
....4	C120	2203-002525	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005	1	S.N.A	
....4	C120	2203-002525	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005	1	S.N.A	
....4	C120	2203-005221	C-CER,CHIP;15nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005221	C-CER,CHIP;15nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	

## 5. Exploded View & Part List

[illegible]

## 5. Exploded View & Part List

[illegible]

## 5. Exploded View & Part List

[illegible]

## 5. Exploded View & Part List

[illegible]

## 5. Exploded View & Part List

[illegible]



[illegible]



## 5. Exploded View &amp; Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	T0568	3301-001526	BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,	1	S.N.A	
....4	T0313	3404-001207	SWITCH-TACT;12V,50mA,160gf,6.2X6.2,SPST	1	S.A	
....4	JA7001	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A	
....4	JA7002	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A	
....4	CN3002	3708-001150	CONNECTOR-FPC/FFC/PIC;30P,1mm,SMD-A,SN,Y	1	S.A	
....4	T0077	BN41-00965A	PCB MAIN;FR-4,4,1.2T,192*158	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0018	BN97-02014A	ASSY MICOM;T-CRLAUSC-XXXX,N45A,2007.11.0	1	S.N.A	
....5	IC2005	1107-001735	IC-NOR FLASH;MX25L3205DM2I-12G,32Mbit,16	1	S.A	
....4	R110	2007-007587	R-CHIP;3.6Kohm,1%,1/16W,TP,1005	1	S.N.A	
...3	SUB09	BN61-02470D	HOLDER-CLAMP DMD;NYLON 6/6,NATURAL,DACN-	1	S.N.A	
...3	T0334	AA60-00040A	SPACER-CRT;OD8,ID4,BLK,-,-,-,-,-,-,-,-	1	S.N.A	
...3	JA333	3722-002697	JACK-PIN;14P+1P(Shield+Gnd),NI,BLACK,STR	1	S.A	
...3	SUB08	BN97-00707A	ASSY HDCP;BN46-00018A,BR20/21BS_CS,MSTAR	1	S.N.A	
....4		BN46-00018A	KEY CODE-CERTIFICATE;(HDCP KEY)PPM42M5S,	1	S.N.A	
0.1	M0019	BN91-02147E	ASSY LCD;LN40A330J1DXZA	1	S.N.A	
..2	M0215	BN07-00523A	LCD-PANEL;LTF400AA01	1	S.A	
0.1	M0113	BN92-02396K	ASSY P/MATERIAL;40L330,UO	1	S.N.A	
..2	T0524	6902-000739	BAG PE;HDPE/HDPE/NITRON,T0.015/T0.015/T1	1	S.N.A	
..2	B/PP	6922-000013	BAND PP;PP,W18,L2300m,TRP,Roll Diameter	4.22	S.N.A	
..2	T0214	AA61-20285C	HOLDER-BOX;CORAL,PP,BLACK,HB	2	S.N.A	
0.1	M0045	BN92-03346Q	ASSY ACCESSORY;LN40A330J1DXZX	1	S.N.A	
..2	M0045	BN96-07549A	ASSY ACCESSORY;LN40A330J1DXZX	1	S.A	
...3	T0268	3903-000144	CBF-POWER CORD;DT,US,BP3/Y,U(IEC C13-RA)	1	S.A	
...3	T0524	6902-000018	BAG PE;LDPE,T0.1,W280,L400,CLEAR,8,2	1	S.N.A	
...3	CLOTH	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,180,200,RHCM	1	S.N.A	
...3	T0531	BN63-03127A	COVER-BOTTOM;37,40S81,HIPS,-,-,-,V0,-,BK	1	S.N.A	
...3		AA68-03242L	MANUAL FLYER-02,SAFETY GUIDE;comm,Samsun	1	S.N.A	
...3	T0074	BN59-00678A	REMOCON;TM-95,39,AMERICA	1	S.A	
...3	T0511	BN68-01514F	MANUAL USERS;COMM,SAMSUNG,Eng/Spa,Mexico	1	S.N.A	
...3	T0238	BP68-00515A	MANUAL FLYER-REGISTRATION CARD;PRC CARD,	1	S.N.A	
..2	T0238	BN68-00797B	MANUAL FLYER-WARRANTY CARD;comm,Samsung,	1	S.N.A	
0.1	M0003	BN92-02832G	ASSY BOX;40L330,ZX	1	S.N.A	
..2	M0521	BN69-02509A	BOX-SET,IN;L330-40(SAMEX),CB,A1,DY-01,W1	1.01	S.N.A	
..2	B/OUT	BN69-02508A	BOX-SET,OUT;L330-40(SAMEX),CB,A1,DY-01,W	1.02	S.N.A	

## 5. Exploded View &amp; Part List

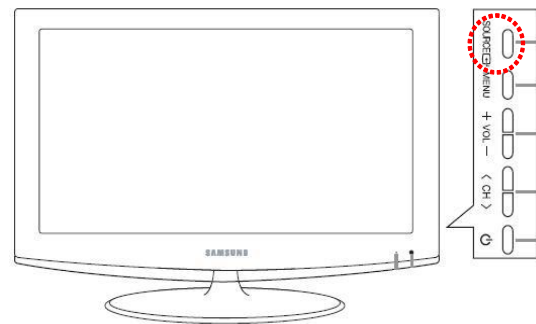
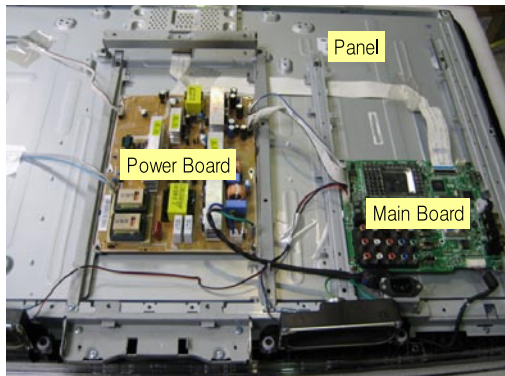
Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
0.1	M0019	BN92-03347J	ASSY LABEL;LN40A330J1DXZC	1	S.N.A	
0.1	M0019	BN92-03347E	ASSY LABEL;LN40A330J1DXZA	1	S.N.A	

## Memo

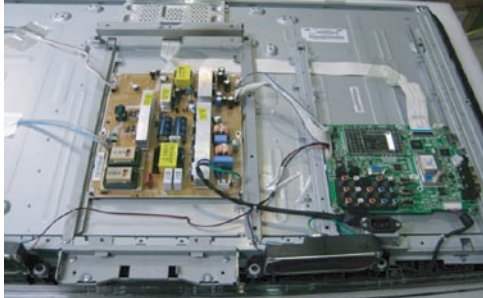
## 4. Troubleshooting

### 4-1. Troubleshooting

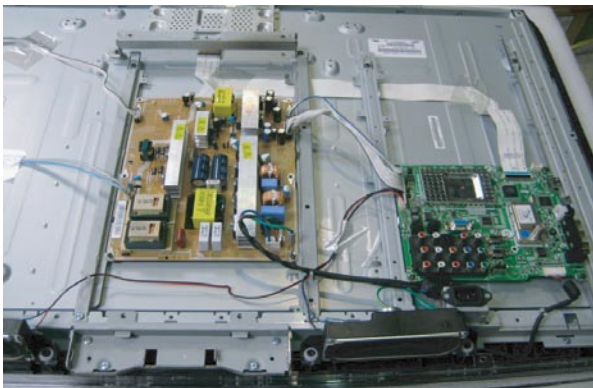
1. Check the various cable connections first.
  - Check to see if there is a burnt or damaged cable.
  - Check to see if there is a disconnected or loose cable connection.
  - Check to see if the cables are connected according to the connection diagram.
2. Check the power input to the Main Board.



### 4-1-1. No Power

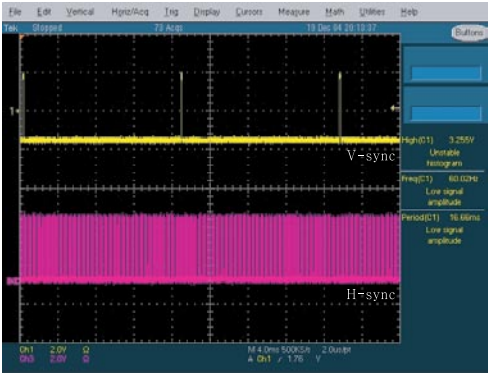
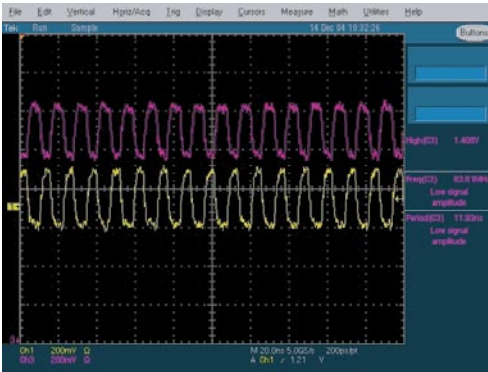
Symptom	<ul style="list-style-type: none"> <li>The LEDs on the front panel do not work when connecting the power cord.</li> <li>The SMPS relay does not work when connecting the power cord.</li> <li>The units appears to be dead.</li> </ul>
Major checkpoints	<p>The IP relay or the LEDs on the front panel does not work when connecting the power cord if the cables are improperly connected or the Main Board or SMPS is not functioning. In this case, check the following:</p> <ul style="list-style-type: none"> <li>Check the internal cable connection status inside the unit.</li> <li>Check the fuses of each part.</li> <li>Check the output voltage of SMPS.</li> <li>Replace the Main Board.</li> </ul>
Diagnostics	 <pre> graph TD     Q1[Lamp(Backlight) Off, power indicator LED on?] -- No --&gt; A1[Change the power cable. 26": BN39-00802A 32": BN39-00802C 37": BN39-00802S 40": BN39-00802F]     Q1 -- Yes --&gt; Q2[Does proper Stand-By DC A5V appear at D1001?]     Q2 -- No --&gt; A2[Change the Main Power assembly. The location is T0764.]     Q2 -- Yes --&gt; Q3[Does proper Main DC B13V_S, B5V, B13V appear at #7,8 of CN1001, C1083, BD11BL?]     Q3 -- Yes --&gt; Q4[Does proper DC A3.3V appear at C1081?]     Q4 -- No --&gt; A3[Check IC1002 Change the Main Ass'y 26": BN94-01638C 32": BN94-01638D 37": BN94-01638E 40": BN94-01638F]     Q4 -- Yes --&gt; Q5[Does proper DC B3.3V appear at C1085?]     Q5 -- No --&gt; A4[Check IC1003 Change the Main Ass'y 26": BN94-01638C 32": BN94-01638D 37": BN94-01638E 40": BN94-01638F]     Q5 -- Yes --&gt; Q6[Does proper 1.2V_CORE appear at C2032?]     Q6 -- No --&gt; A5[Check IC3001 Change the Main Ass'y 26": BN94-01638C 32": BN94-01638D 37": BN94-01638E 40": BN94-01638F]   </pre>
Caution	Make sure to disconnect the power before working on the IP board.

## 4-1-2. No Video (Analog PC signal)

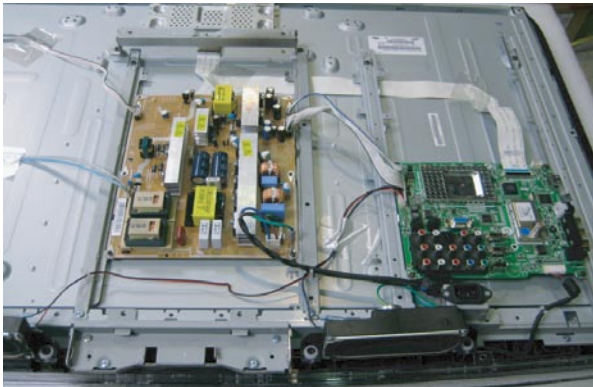
Symptom	<ul style="list-style-type: none"> <li>Audio is normal but no picture is displayed on the screen.</li> </ul>
Major checkpoints	<ul style="list-style-type: none"> <li>Check the PC source</li> <li>Check the MSD2248AL</li> <li>This may happen when the LVDS cable connecting the Main Board and the Panel is disconnected.</li> </ul>
Diagnostics	 <pre> graph TD     A[Power Indicator is off. Lamp(Backlight) Off, no video] -- Yes --&gt; B[Check the PC source and check the connection of DSUB?]     B -- No --&gt; C[Input an analog PC signal. Check the connected cable.]     B -- Yes --&gt; D[1 Does the signal appear at #w1, #u1, #AB2, #F1, #G1 (R, G, B, H, V) of IC3001?]     D -- No --&gt; E[Check IC1001, PC cable. Change the PC cable. Change the main PCB assembly]     D -- Yes --&gt; F[2 Does the digital data appear at output of R3007~R3014?]     F -- No --&gt; G[Check IC3001 Change the main PCB assembly]     F -- Yes --&gt; H[3 Does the digital data appear at output of R3088F, R3089F?]     H -- No --&gt; I[Check IC4001 Change the main PCB assembly]     H -- Yes --&gt; J[Check the LVDS cable? Replace the LCD panel?]     J -- No --&gt; K[Please, Contact Tech support]   </pre>
Caution	Make sure to disconnect the power before working on the IP board.



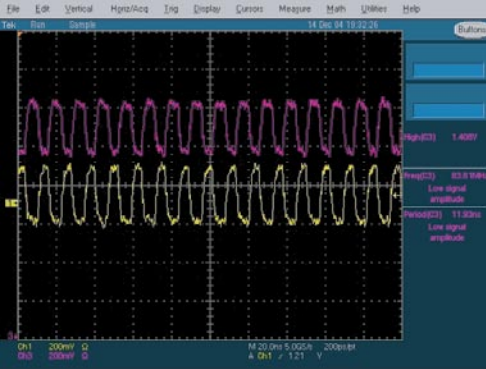
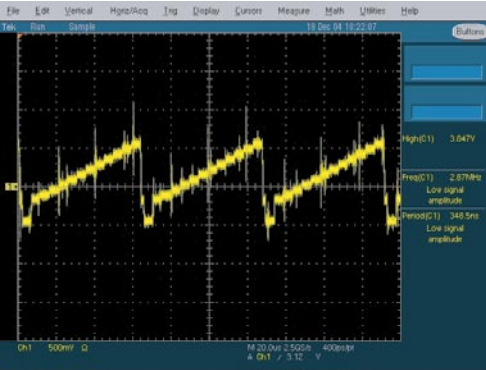

WAVEFORMS

<div>12</div>	PC Input (V-Sync, H-Sync)
	
<div>3</div>	LVDS Out (CLK + / -)
	

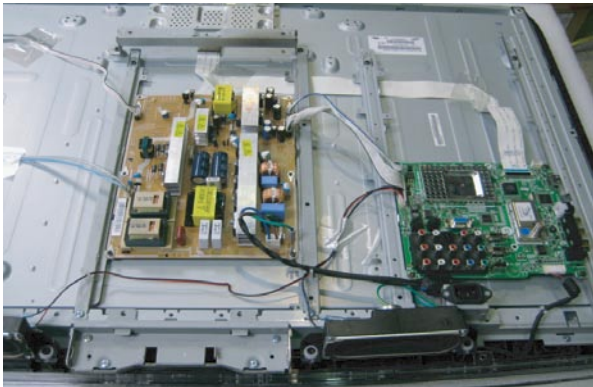
### 4-1-3. No Video (HDMI - Digital Signal)

Symptom	<ul style="list-style-type: none"> <li>Audio is normal but no picture is displayed on the screen.</li> </ul>
Major checkpoints	<ul style="list-style-type: none"> <li>Check the HDMI source</li> <li>Check the MSD2248AL</li> <li>This may happen when the LVDS cable connecting the Main Board and the Panel is disconnected.</li> </ul>
Diagnostics	 <pre> graph TD     A[Power Indicator is off. Lamp(Backlight) Off, no video] -- Yes --&gt; B[Check the HDMI source and check the connection of HDMI cable?]     B -- No --&gt; C[Input an HDMI signal. Check the connected cable.]     B -- Yes --&gt; D[4 Does the signal appear at R7049, R7050(CLK+/-), R7051~R7056(DATA)?]     D -- No --&gt; E[Check JA7001, JA7002, JA801S(SIDE), HDMI cable. Change the HDMI cable. Change the main PCB assembly]     D -- Yes --&gt; F[5 Does the digital data appear at output of R7049, R7050(CLK+/-), R7051~R7056(DATA)?]     F -- No --&gt; G[Check IC3001 Change the main PCB assembly]     F -- Yes --&gt; H[7 Does the digital data appear at output of R3082F~R3095F?]     H -- No --&gt; I[Check IC4001 Change the main PCB assembly]     H -- Yes --&gt; J[Check the LVDS cable? Replace the LCD panel?]     J -- No --&gt; K[Please, Contact Tech support]   </pre>
Caution	Make sure to disconnect the power before working on the IP board.

WAVEFORMS

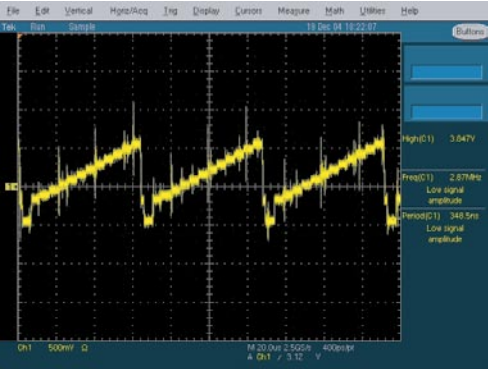
4	5	HDMI Input (CLK + / -)
		
6		Tuner CVBS Out (Pattern: Grey Bar)
		
7		TS DATA Out (Clk, Data [0])
		

### 4-1-4. No Video (Tuner\_CVBS)

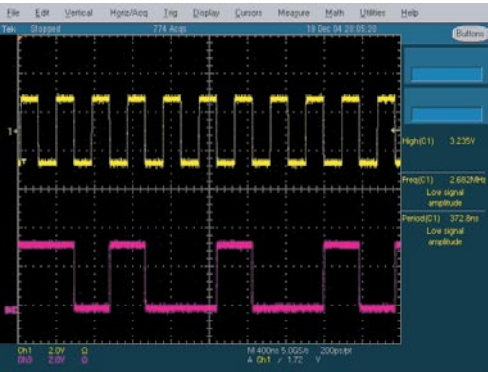
Symptom	<ul style="list-style-type: none"> <li>Audio is normal but no picture is displayed on the screen.</li> </ul>
Major checkpoints	<ul style="list-style-type: none"> <li>Check the Tuner CVBS source</li> <li>Check the MSD2248AL</li> <li>This may happen when the LVDS cable connecting the Main Board and the Panel is disconnected.</li> </ul>
Diagnostics	 <pre> graph TD     Start[Power Indicator is off. Lamp(Backlight) Off, no video] -- Yes --&gt; RF[Check the RF source and check the connection of RF cable?]     RF -- No --&gt; RF_Sol[Input the RF signal. Check the connected cable.]     RF -- Yes --&gt; TU5001{8 Does the signal appear at TU5001?}     TU5001 -- No --&gt; TU5001_Sol[Check TU5001 Change the main PCB assembly or tuner.]     TU5001 -- Yes --&gt; R5006{6 Does the digital data appear at output of R5006~R5020, R5022~R5029?}     R5006 -- No --&gt; IC3001[Check IC3001 Change the main PCB assembly]     R5006 -- Yes --&gt; R3082F{7 Does the digital data appear at output of R3082F~R3095F?}     R3082F -- No --&gt; IC4001[Check IC4001 Change the main PCB assembly]     R3082F -- Yes --&gt; LVDS[Check the LVDS cable? Replace the LCD panel?]     LVDS -- No --&gt; Tech[Please, Contact Tech support]           </pre>
Caution	Make sure to disconnect the power before working on the IP board.

WAVEFORMS

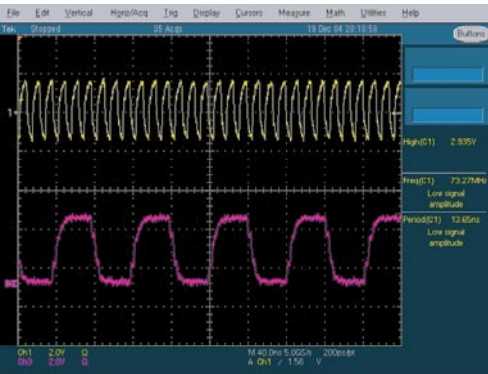
6 Tuner CVBS Out (Pattern: Grey Bar)



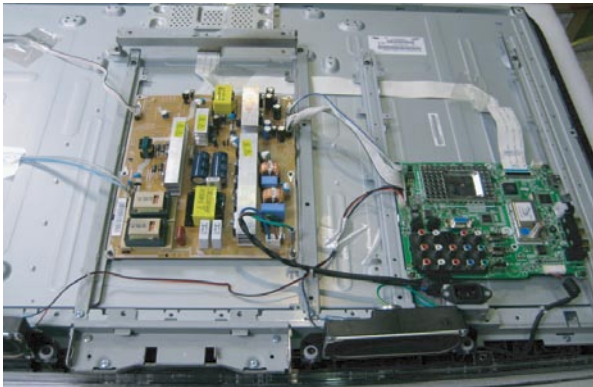
7 TS DATA Out (Clk, Data [0])



8 Eagle+ Out (Clk, H-Sync)

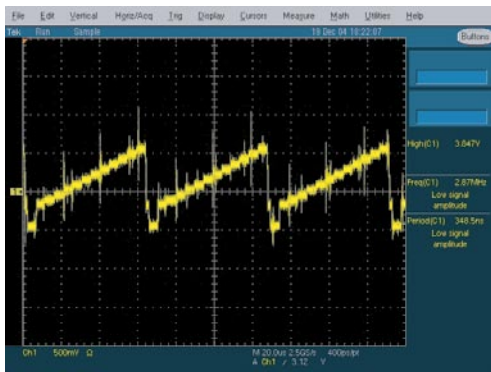


### 4-1-5. No Video (Tuner DTV)

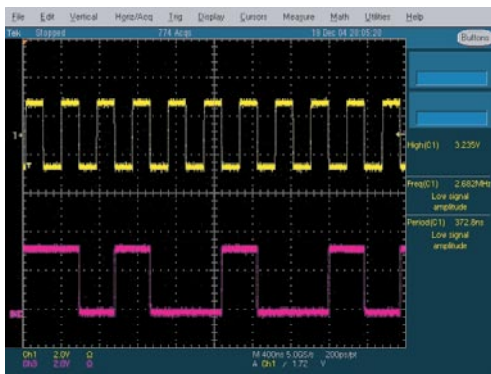
Symptom	<ul style="list-style-type: none"> <li>Audio is normal but no picture is displayed on the screen.</li> </ul>
Major checkpoints	<ul style="list-style-type: none"> <li>Check the DTV source</li> <li>Check the MSD2248AL</li> <li>This may happen when the LVDS cable connecting the Main Board and the Panel is disconnected.</li> </ul>
Diagnostics	 <pre> graph TD     A[Power Indicator is off. Lamp(Backlight) Off, no video] -- Yes --&gt; B[Check the RF source and check the connection of RF cable?]     B -- No --&gt; C[Input the RF signal. Check the connected cable.]     B -- Yes --&gt; D[7 Does the digital data appear at R5022~R5029(TS DATA)]     D -- No --&gt; E[Check TU5001 Change the main PCB assembly or tuner.]     D -- Yes --&gt; F[6 Does the digital data appear at output of R5006~R5020, R5022~R5029?]     F -- No --&gt; G[Check IC3001 Change the main PCB assembly]     F -- Yes --&gt; H[7 Does the digital data appear at output of R3082F~R3095F?]     H -- No --&gt; I[Check IC4001 Change the main PCB assembly]     H -- Yes --&gt; J[Check the LVDS cable? Replace the LCD panel?]     J -- No --&gt; K[Please, Contact Tech support]   </pre>
Caution	Make sure to disconnect the power before working on the IP board.

WAVEFORMS

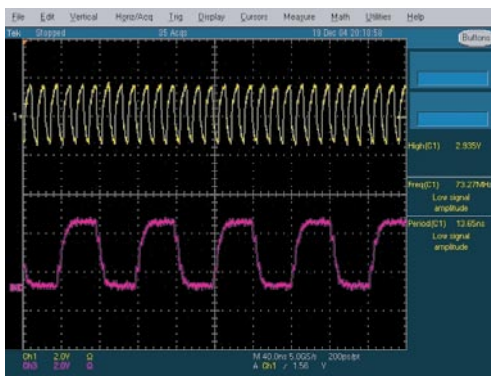
6 Tuner CVBS Out (Pattern: Grey Bar)



7 TS DATA Out (Clk, Data [0])

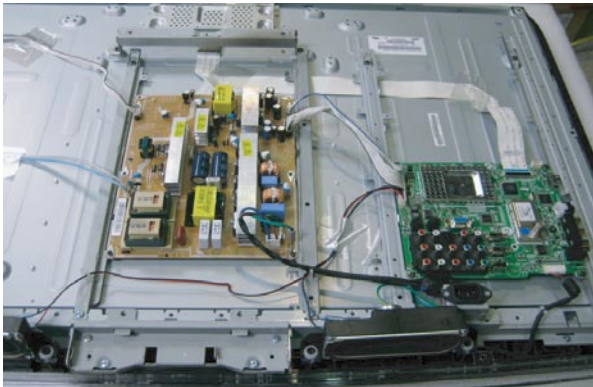


8 Eagle+ Out (Clk, H-Sync)



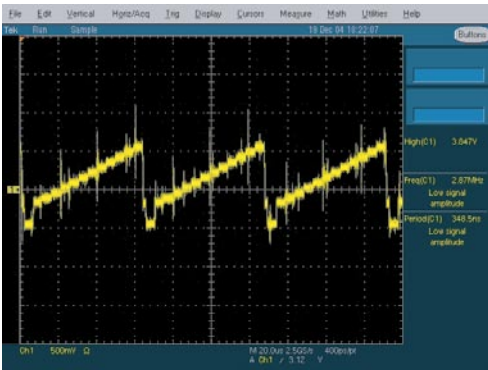


## 4-1-6. No Video (Video CVBS)

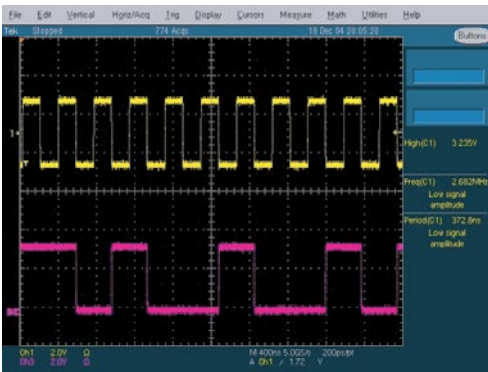
Symptom	<ul style="list-style-type: none"> <li>Audio is normal but no picture is displayed on the screen.</li> </ul>
Major checkpoints	<ul style="list-style-type: none"> <li>Check the Video CVBS source</li> <li>Check the MSD2248AL</li> <li>This may happen when the LVDS cable connecting the Main Board and the Panel is disconnected.</li> </ul>
Diagnostics	 <pre> graph TD     Start[Power Indicator is off. Lamp(Backlight) Off, no video] -- Yes --&gt; Q1[Check the video source and check the connection of video cable?]     Q1 -- No --&gt; A1[Input a video signal. Check the connected cable.]     Q1 -- Yes --&gt; Q2[6 Does the signal appear at C3022~C3024 of IC3001?]     Q2 -- No --&gt; A2[Check JA804S or Side-AV Change the main PCB ass'y or Side-AV Ass'y]     Q2 -- Yes --&gt; Q3[Does the signal appear at C3025 of IC3001?]     Q3 -- No --&gt; A3[Check IC3001]     Q3 -- Yes --&gt; Q4[6 Does the digital data appear at output of R5006~R5020, R5022~R5029?]     Q4 -- No --&gt; A4[Check IC3001 Change the main PCB assembly]     Q4 -- Yes --&gt; Q5[7 Does the digital data appear at output of R3082F~R3095F?]     Q5 -- No --&gt; A5[Check IC4001 Change the main PCB assembly]     Q5 -- Yes --&gt; Q6[Check the LVDS cable? Replace the LCD panel?]     Q6 -- No --&gt; A6[Please, Contact Tech support]           </pre>
Caution	Make sure to disconnect the power before working on the IP board.

WAVEFORMS

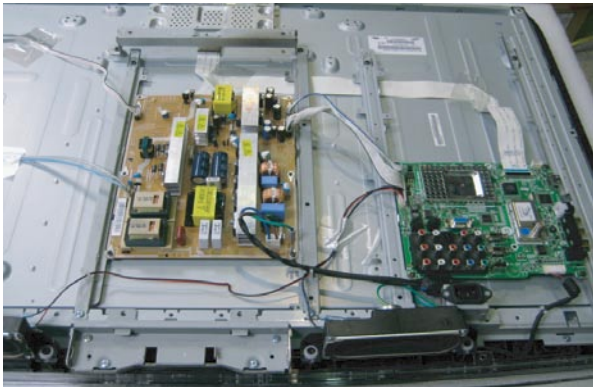
6 Tuner CVBS Out (Pattern: Grey Bar)



7 TS DATA Out (Clk, Data [0])

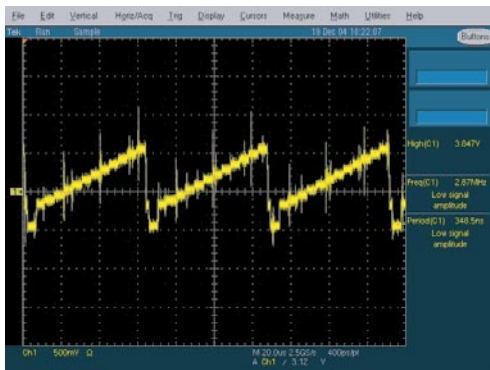


## 4-1-7. No Video (S-Video 1, 2)

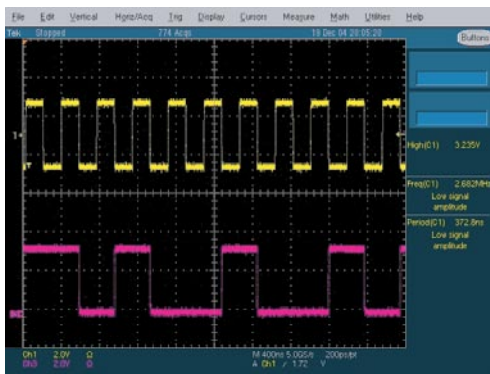
Symptom	<ul style="list-style-type: none"> <li>Audio is normal but no picture is displayed on the screen.</li> </ul>
Major checkpoints	<ul style="list-style-type: none"> <li>Check the S-Video source</li> <li>Check the MSD2248AL</li> <li>This may happen when the LVDS cable connecting the Main Board and the Panel is disconnected.</li> </ul>
Diagnostics	 <pre> graph TD     Start[Power Indicator is off. Lamp(Backlight) Off, no video] -- Yes --&gt; Q1{Check the video source and check the connection of video cable?}     Q1 -- No --&gt; A1[Input a video signal. Check the connected cable.]     Q1 -- Yes --&gt; Q2{9 Does the signal appear at C3022 and C3023?}     Q2 -- No --&gt; A2[Check JA806S or Side-AV Change the main PCB ass'y or Side-AV assembly]     Q2 -- Yes --&gt; Q3{6 Does the digital data appear at output of R5006~R5020, R5022~R5029?}     Q3 -- No --&gt; A3[Check IC3001 Change the main PCB assembly]     Q3 -- Yes --&gt; Q4{7 Does the digital data appear at output of R3082F~R3095F?}     Q4 -- No --&gt; A4[Check IC4001 Change the main PCB assembly]     Q4 -- Yes --&gt; Q5{Check the LVDS cable? Replace the LCD panel?}     Q5 -- No --&gt; A5[Please, Contact Tech support]   </pre>
Caution	Make sure to disconnect the power before working on the IP board.

WAVEFORMS

6 Tuner CVBS Out (Pattern: Grey Bar)



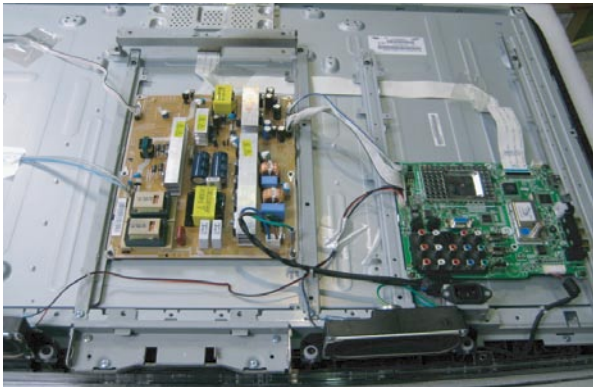
7 TS DATA Out (Clk, Data [0])



9 S-VIDEO Input (Y/C)

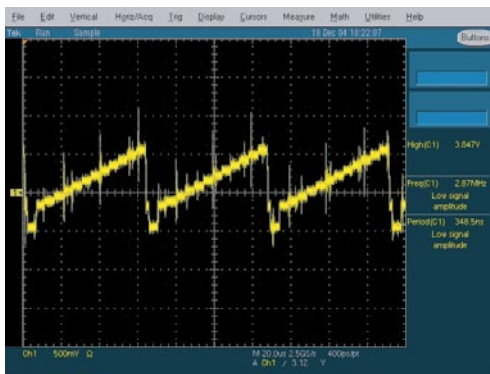


## 4-1-8. No Video (Component 1, 2)

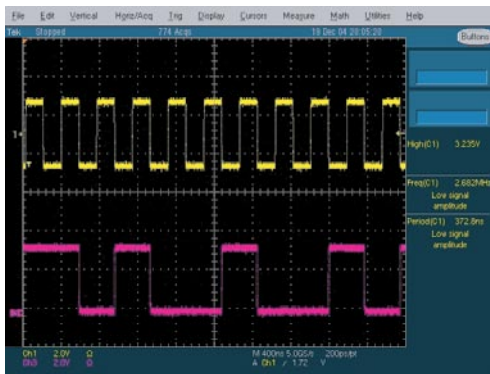
Symptom	<ul style="list-style-type: none"> <li>Audio is normal but no picture is displayed on the screen.</li> </ul>
Major checkpoints	<ul style="list-style-type: none"> <li>Check the Component source</li> <li>Check the MSD2248AL</li> <li>This may happen when the LVDS cable connecting the Main Board and the Panel is disconnected.</li> </ul>
Diagnostics	 <pre> graph TD     A[Power Indicator is off. Lamp(Backlight) Off, no video] -- Yes --&gt; B[Check component source and check the connection of component cable ?]     B -- No --&gt; C[Input a component signal. Check the connected cable.]     B -- Yes --&gt; D[10 Does the signal appear at C3016~C3019 and C3025(Y,Pb,Pr) of IC3001?]     D -- No --&gt; E[Check JA5002 Change the main PCB ass'y]     D -- Yes --&gt; F[6 Does the digital data appear at output of R5006~R5020, R5022~R5029?]     F -- No --&gt; G[Check IC3001 Change the main PCB assembly]     F -- Yes --&gt; H[7 Does the digital data appear at output of R3082F~R3095F?]     H -- No --&gt; I[Check IC4001 Change the main PCB assembly]     H -- Yes --&gt; J[Check the LVDS cable? Replace the LCD panel?]     J -- No --&gt; K[Please, Contact Tech support]           </pre>
Caution	Make sure to disconnect the power before working on the IP board.

WAVEFORMS

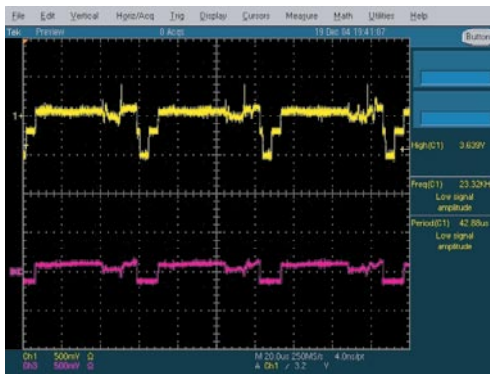
6 Tuner CVBS Out (Pattern: Grey Bar)



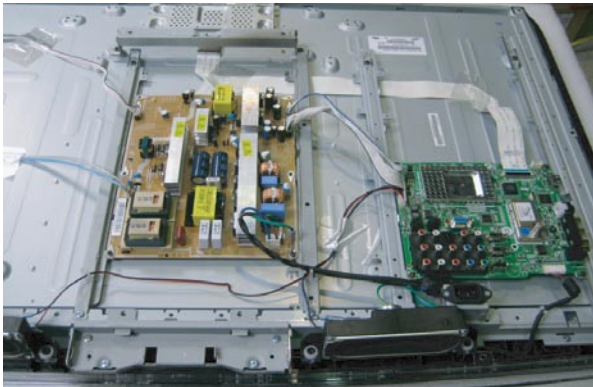
7 TS DATA Out (Clk, Data [0])



10 Component Input (Y/Pb)

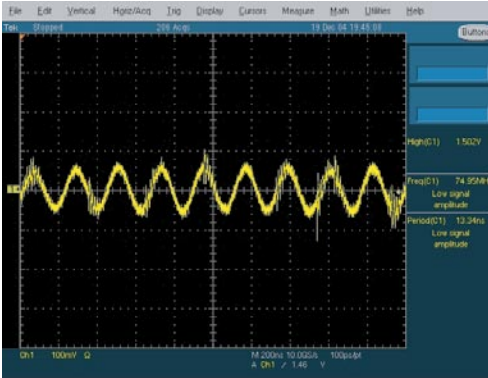

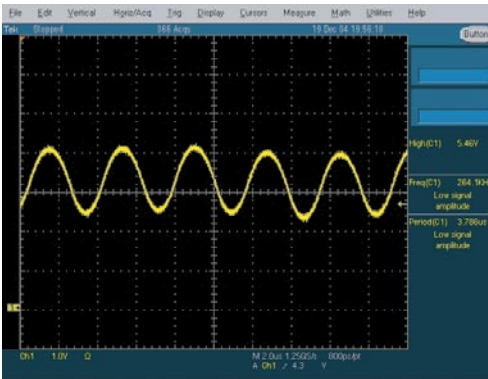


## 4-1-9. No Sound

Symptom	– Video is normal but there is no sound..
Major checkpoints	<ul style="list-style-type: none"> <li>– When the speaker connectors are disconnected or damaged.</li> <li>– When the sound processing part of the Main Board is not functioning.</li> <li>– Speaker defect..</li> </ul>
Diagnostics	 <pre> graph TD     A[Lamp(Backlight) Off, no sound.] -- Yes --&gt; B[Check the sound source and check the connection of sound cable?]     B -- No --&gt; C[Input a sound signal. Check the connected cable.]     B -- Yes --&gt; D[Does the signal appear at C3029~C3036,C3007,C3008,R3022,R3023 (VIDEO2,COMP,PC,DVI,HP), R3039~R3042 of IC3001?]     D -- No --&gt; E[Check IC3001 or Side-AV. Change the main PCB ass'y or side-AV assembly]     D -- Yes --&gt; F[Check the LVDS cable? Replace the LCD panel?]     F -- No --&gt; G[Please, Contact Tech support]           </pre> <p>①</p>
Caution	Make sure to disconnect the power before working on the IP board.



WAVEFORMS

11	Audio Input (Sign Wave)
	
12	12S Input (Clk, Data)
	
13	Audio Amp Out (Sign Wave)
	

## **4-2. Alignments and Adjustments**

### **4-2-1. General Alignment Instruction**

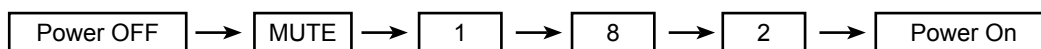
1. Usually, a color LCD-TV needs only slight touch-up adjustment upon installation.  
Check the basic characteristics such as height, horizontal and vertical sync.
2. Use the specified test equipment or its equivalent.
3. Correct impedance matching is essential.
4. Avoid overload. Excessive signal from a sweep generator might overload the front-end of the TV. When inserting signal markers, do not allow the marker generator to distort test result.
5. Connect the TV only to an AC power source with voltage and frequency as specified on the backcover nameplate.
6. Do not attempt to connect or disconnect any wire while the TV is turned on. Make sure that the power cord is disconnected before replacing any parts.
7. To protect against shock hazard, use an isolation transformer.

## 4-3. Factory Mode Adjustments

### 4-3-1 Entering Factory Mode

To enter 'Service Mode' Press the remote -control keys in this sequence :

- If you do not have Factory remote - control



### 4-3-2 How to Access Service Mode

#### Using the Customer Remote

1. Turn the power off and set to stand-by mode
2. Press the remote buttons in this order; POWER OFF-MUTE-1-8-2-POWER ON to turn the set on.
3. The set turns on and enters service mode. This may take approximately 20 seconds.
4. Press the Power button to exit and store data in memory.  
- If you fail to enter service mode, repeat steps 1 and 2 above.
5. Initial SERVICE MODE DISPLAY State

ADC	Expert Settings
ADC Target	Expert D-Settings
ADC Value	Expert Gray Scale
Option BYTE	Expert C-Space
ADJUST	Expert Others
W/B	CHECKSUM
W/B Movie	RESET
EPA standard	T-CRLAUSC-00xx 0050 6628 00CD 1510 Micom / VER. / Month/ Day / Year
FBE3	
VDEC	
Scaler	
Sharpness	
PE	
Sound	
Dynamic Contrast	
PDP Option	

- "T-PEONAUSC-1000" and "T-PEONASS-1000" are firmware.....  
over version 2000 means Micronas FRC firmware.

#### 6. Buttons operations withn Service Mode

Menu	Full Menu Display/Move to Parent Menu
Direction Keys ▲/▼	Item Selection by Moving the Cursor
Direction Keys ◀/▶	Data Increase / Decrease for the Selected Item
Source	Cycles through the active input source that are connected to the unit

### 4-3-3 Factory Data

- The sub\_page of Factory mode

#### ADC

Name	Default data
AV Calibration	-
Component Calibration	-
PC Calibration	-
HDMI Calibration	-

#### ADC Target

Name	Default data
1st_AV_Low	18
1st_AV_High	220
1st_AV_Delta	1
1st_COMP_Low	16
1st_COMP_High	235
1st_COMP_Delta	1
1st_PC_Low	1
1st_PC_High	235
1st_PC_Delta	1
2nd_AV_Low	1
2nd_AV_High	235
2nd_AV_Delta	1
2nd_COMP_Low	1
2nd_COMP_High	235
2nd_COMP_Delta	1
2nd_PC_Low	1
2nd_PC_High	235
2nd_PC_Delta	1
2nd_HDMI_Low	1
2nd_HDMI_High	235
2nd_HDMI_Delta	1

**ADC Value**

Name	Default data
LUMA_OFFSET	128
LUMA_GAIN	128
RED_CUTOFF	128
GREEN_CUTOFF	128
BLUE_OFFSET	128
RED_GAIN	128
GREEN_GAIN	128
BLUE_GAIN	128
2nd_R offset	128
2nd_G offset	128
2nd_B offset	128
2nd_R gain	128
2nd_G gain	128
2nd_B gain	128

**Option Byte**

Name	Default data
LCD/PDP	LCD
Inch	xx Inch
Panel Option	xxAM
Dimming	INT
Mirror	OFF
AV Number	2
COMP. Number	2
HDMI Number	3
Light Effect	ON
HeadPhone	ON
Anynet+(HDMI-CEC)	ON
Carrier Mute	OFF
Volume Curve	ON
Caption Level	ON
RS 232C	Auto wall
Gamma	0.85
Mute Time[RF]	600mS
CH Memory	SAMEX
Shop Mode	OFF
PC Mode Ident	Auto
HPD Control	OFF
7.5IRE Set	ON
7.5IRE Offset	0
HDMI 1080p	OFF
PANEL ENTER KEY	ON
EER Count	11
Expert ADJ.	OFF

**Adjust**

Name	Default data
Watchdog Enable	ON
Watchdog Count	10sec
Spread Spectrum	OFF
Shop Mode	OFF
DEBUG MODE	DEBUG OFF
LVDS Format	VESA

**White Balance (Available over 26 inches. (With FBE3))**

Name	Default data
Sub Brightness	128
R-Offset	128
G-Offset	128
B-Offset	128
Sub Contrast	128
R-Gain	128
G-Gain	128
B-Gain	128

**White Balance Available 19 & 22 inches.( Without FBE3)**

Name	Default data
Sub Brightness	128
R-Offset	128
G-Offset	128
B-Offset	128
Sub Contrast	128
R-Gain	128
G-Gain	128
B-Gain	128

**White Balance Available only PDP.**

Name	Default data
Sub Brightness	128
R-Offset	128
G-Offset	128
B-Offset	128
Sub Contrast	128
R-Gain	128
G-Gain	128
B-Gain	128

### Adjust

Name	Default data
W/B MOVIE	on
MODE	Dynamic
Color Tone	Cool1
MSub Brightness	128
MSub Contrast	128
W2_Rgain	19
W2_Bgain	-26
W2_Roffset	-1
W2_Boffset	4
W1_Rgain	49
W1_Bgain	-43
W1_Roffset	-4
W1_Boffset	4
NOR_Rgain	7
NOR_Bgain	-11
NOR_Roffset	-2
NOR_Boffset	2
C2_Rgain	-32
C2_Bgain	22
C2_Roffset	5
C2_Boffset	1
Movie Contrast	70
Movie Bright	50
Movie Color	25
Movie Sharpness	45
Movie Tint	0
Movie Backlight	5
Movie Gamma	off

### EPA Standard

Name	Default data
Standard Contrast	80
Standard Brightness	45
Standard Sharpness	50
Standard Color	50
Standard Tint	0
Standard Backlight	7



**FBE3**

<b>Name</b>	<b>Default data</b>
Patt-Sel	0
B-Slope gain	60
B-Tilt min	30
B-Tilt max	110
Lfunc-Basis	75
Hfunc-Basis	80
Mean-Offset1	30
Mean-Offset2	235
Mean-Slope	112
ACR-Offset	10
ACR-Th1	10
ACR-Th2	110
Skin-Enable	ON
Skin-UV	128
Sub color	128
M-Skin-UV	128
M-Sub color	128
Input Format	VESA
Output Format	VESA

**VDEC**

<b>Name</b>	<b>Default data</b>
Saturation	80
CTI_MD	2
CBCRLP_MD	1

**Scaler**

<b>Name</b>	<b>Default data</b>
DNR_off	0
DNR_low	2
DNR_mid	3
DNR_high	4
Y_DELAY_EN	1
YC_STEP	1

### Sharpness

Name	Default data
H1 Gain	10
H2 Gain	8
H3 Gain	8
H4 Gain	8
V1 Gain	28
V2 Gain	8
H overshoot	FF
V overshoot	60
H undershoot	FF
V undershoot	60
Coring TH2	1
Coring TH1	1
Mid_color_level	AC

### PE

Name	Default data
Skin_EN	1
D_Skin	12
M_Skin	12

### Sound

Name	Default data
Carrier Mute	1
High DEV	0
CM_TH_HIGH	2990
CM_TH_LOW	20B0
ST_PILOT_TH_HIGH	D00
ST_PILOT_TH_LOW	600
ST_VAR_TH_HIGH	1800
ST_VAR_TH_LOW	1000
SAP_AMP_TH_HIGH	1
SAP_AMP_TH_LOW	4
SAP_NSR_TH_HIGH	4500
SAP_NSR_TH_LOW	3000
AMP_Volume	29
AMP_Limiter_Attack	9
AMP_Limiter_Release	F
AMP_Post-Scale	5C
AMP_Speaker EQ	0
AV Sync.	0

**Dynamic Contrast**

Name	Default data
Dynamic Contrast	On
Dynamic Dimming	off
Y_MEAN	0

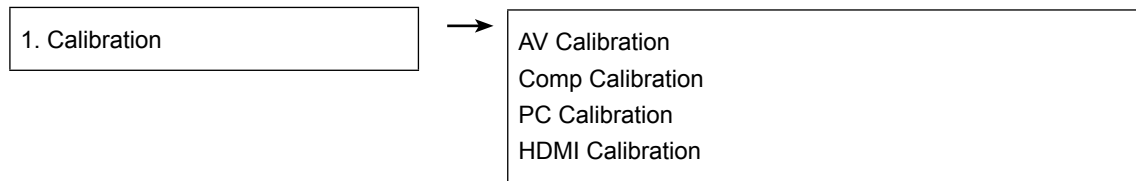
**Checksum**

Name	Default data
Checksum	0x0000
After execute CHECKSUM	
CHECKSUM	
Main : 0xB018	
Back: Press Menu Key	

**Reset**

## 4-4. White Balance - Calibration

### 4-4-1 White Balance -Calibration

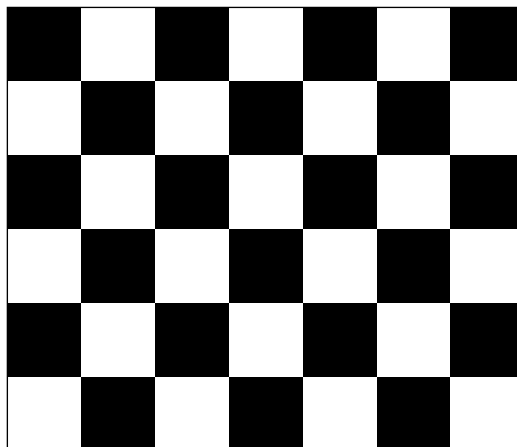


### 4-4-2 Service Adjustment - You must perform Calibration in the Lattice Pattern before adjusting the White Balance.

#### ■ Color Calibration

Adjust spec.

1. Source : HDMI
2. Setting Mode : 1280\*720@60Hz
3. Pattern : Pattern #24 (Chess Pattern)



( Chess Pattern )

4. Use Equipment : CA210 & Master MSPG925 Generator

- Use other equipment only after comparing the result with that of the Master equipment.

Input mode	Calibration	Pattern
CVBS IN (Model_#1)	Perform in NTSC B&W Pattern #24	Lattice
Component IN (Model_#6)	Perform in 720p B&W Pattern #24	Lattice
PC Analog IN (Model_#21)	Perform in VESA XGA (1024x768) B&W Pattern #24	Lattice
HDMI IN	Perform in 720p B&W Pattern #24	Lattice

<Table 1>

---

### ■ Method of Color Calibration (AV)

- 1) Apply the NTSC Lattice (N0. 3) pattern signal to the AV IN 1 port
- 2) Press the Source key to switch to "AV1" mode
- 3) Enter Service mode
- 4) Select the "Calibration" menu
- 5) Select the "AV Calibration" menu.
- 6) In "AV Calibration Off" status, press the "►" key to perform Calibration.
- 7) When Calibration is complete, it returns to the high-level menu.
- 8) You can see the change of the "AV Calibration" status from Failure to Success.

### ■ Method of Color Calibration (Component)

- 1) Apply the 720p Lattice (N0. 6) pattern signal to the Component IN 1 port
- 2) Press the Source key to switch to "Component1" mode
- 3) Enter Service mode
- 4) Select the "Calibration" menu
- 5) Select the "Comp Calibration" menu.
- 6) In "Comp Calibration Off" status, press the "►" key to perform Calibration.
- 7) When Calibration is complete, it returns to the high-level menu.
- 8) You can see the change of the "Comp Calibration" status from Failure to Success.

### ■ Method of Color Calibration (PC)

- 1) Apply the VESA XGA Lattice (N0. 21) pattern signal to the PC IN port
- 2) Press the Source key to switch to "PC" mode
- 3) Enter Service mode
- 4) Select the "Calibration" menu
- 5) Select the "PC Calibration" menu.
- 6) In "PC Calibration Off" status, press the "►" key to perform Calibration.
- 7) When Calibration is complete, it returns to the high-level menu.
- 8) You can see the change of the "PC Calibration" status from Failure to Success.

### ■ Method of Color Calibration (HDMI)

- 1) Apply the 720p Lattice (N0. 6) pattern signal to the HDMI1/DVI IN port
- 2) Press the Source key to switch to "HDMI1" mode
- 3) Enter Service mode
- 4) Select the "Calibration" menu
- 5) Select the "HDMI Calibration" menu.
- 6) In "HDMI Calibration Off" status, press the "►" key to perform Calibration.
- 7) When Calibration is complete, it returns to the high-level menu.
- 8) You can see the change of the "HDMI Calibration" status from Failure to Success.

### 4-4-3 White Balance - Adjustment

	(low light)	(hight light)
3. W/B	Sub Bright R offset G offset B offset	Sub Contrast R gain G gain B gain

(W/B adjustment Condition refer next page)

### 4-5. White Ratio (Balance) Adjustment

1. You can adjust the white ratio in factory mode (1:Calibration, 3:White-Balance).
2. Since the adjustment value and the data value vary depending on the input source, you have to adjust these in CVBS, Component 1 and HDMI 1 modes.
3. The optimal values for each mode are configured by default. (Refer to Table 1, 2)  
It varies with Panel's size and Specification.

- Equipment : CS-210
- Pattern: MIK K-7256 #92 "Flat W/B Pattern" as standard
- Use other equipment only after comparing the result with that of the Master equipment.
- Set Aging time : 60min ↑



- Calibration and Manual setting for WB adjustment.

HDMI : Calibration at #24 Chessboard Pattern → Manual adjustment #92 pattern (720p)  
 COMP: Calibration at #24 Chessboard Pattern → Manual adjustment at #92 pattern (720p)  
 CVBS: Calibration at #24 Chessboard Pattern → Manual adjustment at #92 pattern (NTSC)

- If finishing in HDMI mode, adjustment coordinate is almost same in AV/COMP mode.
- White Balance Manual Adjustment

	Adjustment Coordinate				
		x	y	Y(L)	T(K) + MPCD
CVBS (NTSC)	H/L	272	287	$\bar{\text{--}}$ (Sub_CT:132)	11,000 (+10)
	L/L	272	287	12.0cd/m <sup>2</sup> (3.5 Ft)	11,000 (+10)
COMP (720P)	H/L	272	287	$\bar{\text{--}}$ (Sub_CT:132)	11,000 (+10)
	L/L	272	287	12.0cd/m <sup>2</sup> (3.5 Ft)	11,000 (+10)
HDMI (720P)	H/L	272	287	$\bar{\text{--}}$ (Sub_CT:132)	11,000 (+10)
	L/L	272	287	12.0cd/m <sup>2</sup> (3.5 Ft)	11,000 (+10)

#### - Adjustment Specification

White Balance : High light ( $\pm 2$ ), Low light ( $\pm 3$ )

Luminance : High light (Don't care), Low light ( $\pm 0.2$  Ft/L)

## 4-6. Servicing Information

### 4-6-1 USB Download Method

Samsung may offer upgrades for TV's firmware in the future. Please contact the Samsung call center at 1-800-SAMSUNG (7267864) to receive information about downloading upgrades and using a USB drive.

Upgrades will be possible by connecting a USB drive to the USB port located on located on the back of your TV.

1. Insert a USB drive containing the firmware upgrade into the SERVICE port on the rear of the TV.  
Software can not be upgraded through the LAN connection.
2. Press the **MENU** button to display the menu.  
Press the  $\blacktriangle$  or  $\blacktriangledown$  button to select "Setup", then press the **ENTER** button.
3. Press the  $\blacktriangle$  or  $\blacktriangledown$  button to select "SW upgrade", then press the **ENTER** button.
4. Press the **ENTER** button.  
The message "Scanning for USB... It may take up to 30 seconds." is displayed.
5. The message "Upgrade version XXXX to version XXXX The system would be reset after upgrade." is displayed.  
Press the  $\blacktriangleleft$  or  $\blacktriangleright$  to select the "Yes", then press the **ENTER** button.

Please be careful to not disconnect the power or remove the USB drive while upgrades are being applied. The TV will turn off and turn on automatically after completing the firmware upgrade. Please check the firmware version after the upgrades are complete. When software is upgraded, video and audio settings you have made will return to their default (factory) settings. We recommend you write down your settings so that you can easily reset them after the upgrade.



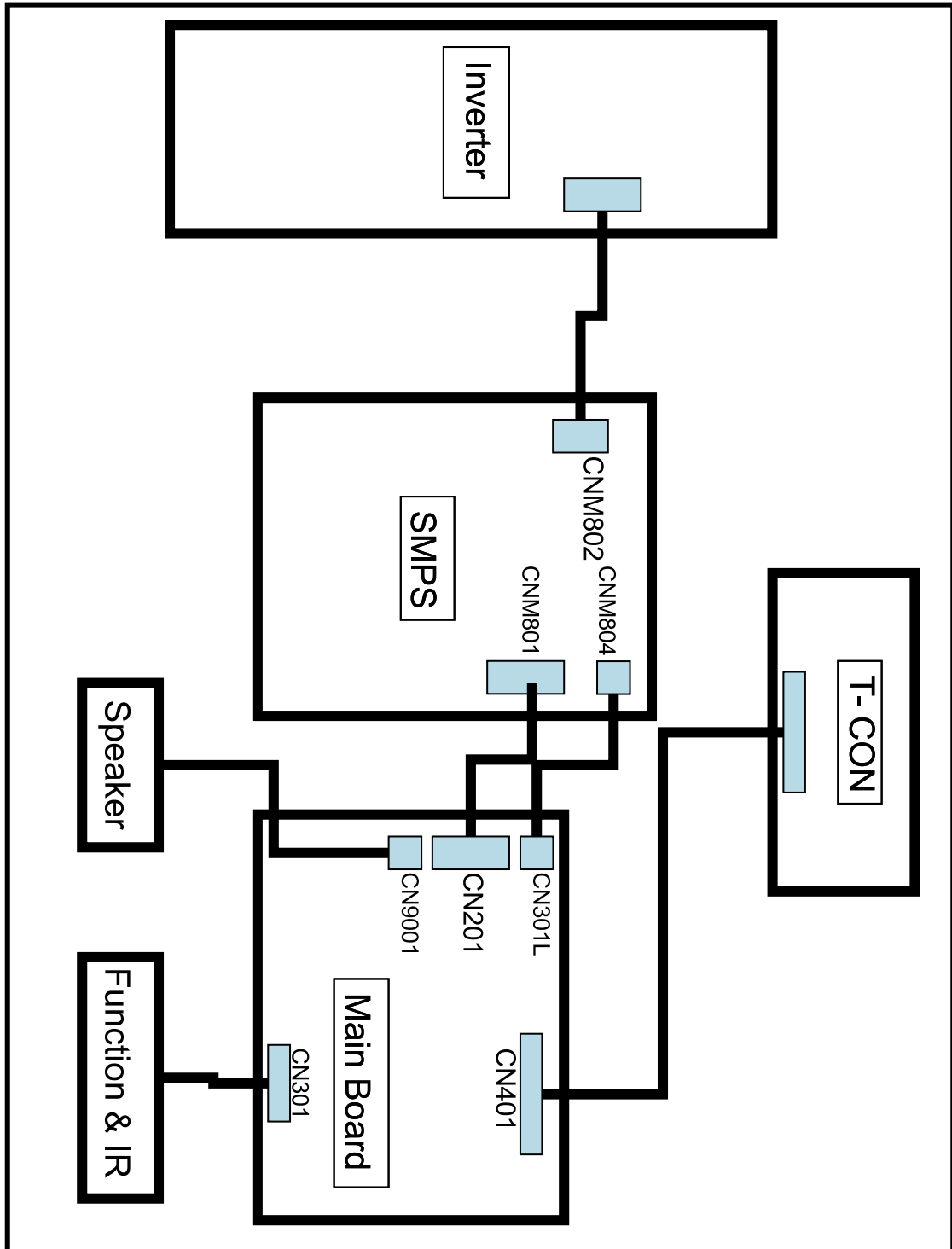


**Memo**

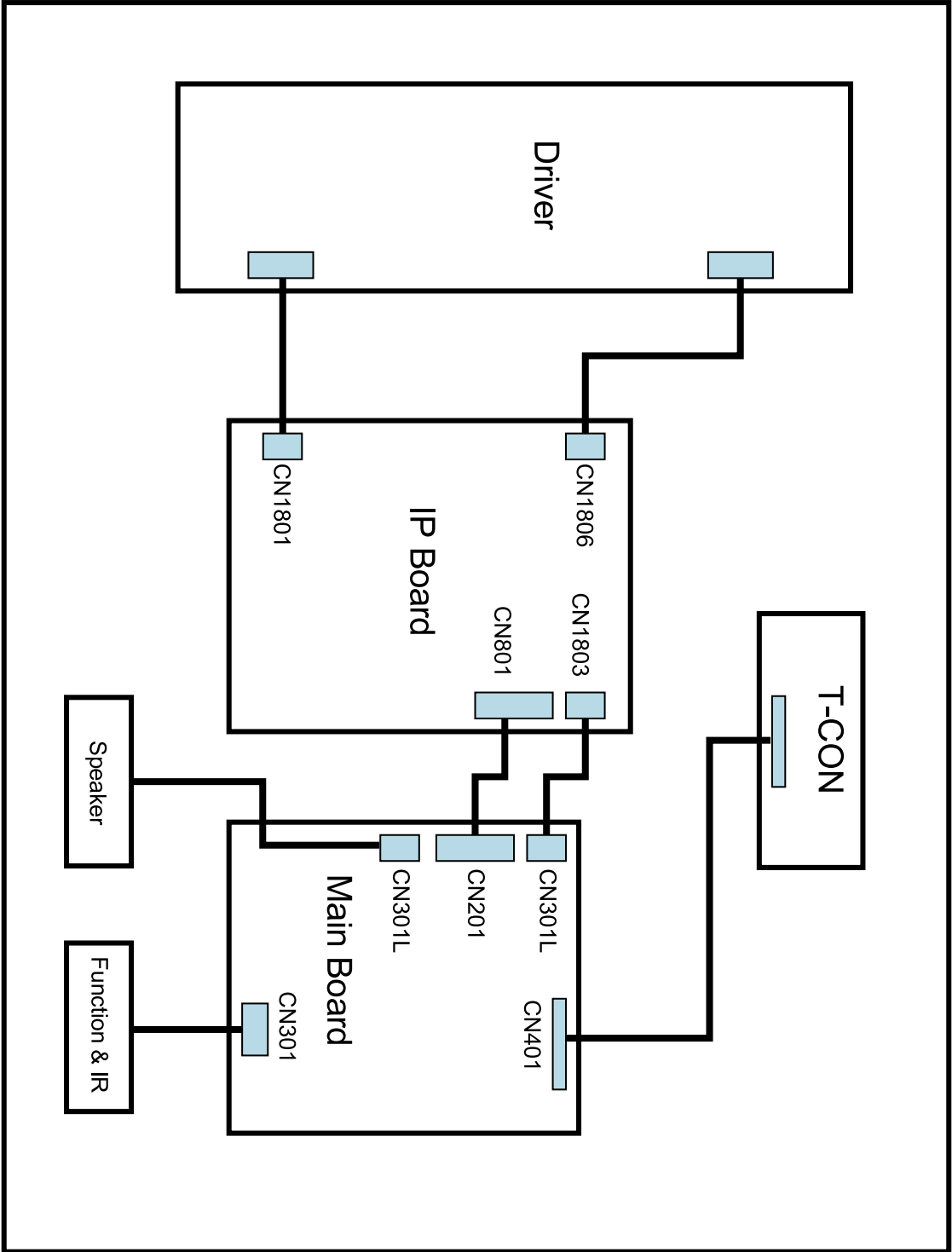
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## 6. Wiring Diagram

### 6-1. 26" Wiring Diagram



6-2. 40” Wiring Diagram



CN3002(to Panel)

1	VCC_PANEL
2	VCC_PANEL
3	VCC_PANEL
4	VCC_PANEL
5	VCC_PANEL
6	GND
7	GND
8	GND
9	3D_SYNC_P
10	GND
11	GND
12	GND
13	TX_OUT3+
14	TX_OUT3-
15	GND
16	TXCLKOUT+
17	TXCLKOUT-
18	GND
19	TXOUT2+
20	TXOUT2-
21	GND
22	TXOUT1+
23	TXOUT1-
24	GND
25	TXOUT0+
26	TXOUT0-
27	TXOUT4+
28	TXOUT4-
29	TXOUT5+
30	TXOUT5-

CN3011L(to Dimming)

1	B5V
2	OUT1
3	OUT2
4	GND
5	SENSE_PWR

CN1001 (to Mainboard)

1	Invert_HSYNC
2	A5V
3	GND
4	A5V
5	GND
6	GND
7	B13V_S
8	B13V_S
9	GND
10	GND
11	GND
12	GND
13	B5V
14	B5V
15	B5V
16	B5V
17	GND
18	GND
19	GND
20	B13V_S
21	B13V_S
22	B13V_S
23	N.C.
24	N.C.

CN2001 (to Function Key)

1	IR
2	GND
3	A3.3V
4	A5V
5	KEY_BUZZER
6	KEY1
7	KEY2
8	GND
9	A5V
10	DECO_CTRL

JA5002(to Multi-Jack)

1	COMP1_SR_IN
2	GND
3	COMP2_SL_IN
4	COMP1_SL_IN
5	COMP1_SR_IN
6	COMP2_PR
7	COMP1_PR
8	COMP2_PB
9	COMP1_PB
10	COMP1_IDENT
11	COMP2_Y
12	COMP1_Y
13	VIDEO1_IDENT
14	COMP2_SR_IN
15	M_SR_OUT
16	COMP2_SR_IN
17	M_SL_OUT
18	DVL_SR_IN
19	GND
20	COMP2_IDENT
21	DVL_SL_IN
22	DVL_SR_IN
23	T2OUT
24	T2OUT
25	GND
26	R2IN
27	R2IN

JA806S(HEADPHONE JACK)

1	GND
2	HP_OUT_R
3	HP_OUT_L
4	HP_OUT_L
5	HP_OUT_L
6	GND
7	HP_IDENT

JA7001 (HDMI INPUT1)

1	HDMI1_RX2+
2	GND
3	HDMI1_RX2-
4	HDMI1_RX1+
5	GND
6	HDMI1_RX1-
7	HDMI1_RX0+
8	GND
9	HDMI1_RX0-
10	HDMI1_RXCLK+
11	GND
12	HDMI1_RXCLK-
13	N.C.
14	N.C.
15	HDMI1_DDC_SCL
16	HDMI1_DDC_SDA
17	GND
18	HDMI1_IDENT
19	HDMI1_5V
20	GND
21	GND

JA7003(PC\_IN)

1	PC_R
2	PC_G
3	PC_B
4	GND
5	GND
6	GND
7	GND
8	A5V
9	PC_5V
10	PC_IDENT
11	GND
12	DDC_VCC
13	PC_HS
14	PC_VS
15	DDC_VCC

JA7002(HDMI INPUT2)

1	HDMI2_RX2+
2	GND
3	HDMI2_RX2-
4	HDMI2_RX1+
5	GND
6	HDMI2_RX1-
7	HDMI2_RX0+
8	GND
9	HDMI2_RX0-
10	HDMI2_RXCLK+
11	GND
12	HDMI2_RXCLK-
13	N.C.
14	N.C.
15	HDMI2_DDC_SCL
16	HDMI2_DDC_SDA
17	GND
18	HDMI2_IDENT
19	HDMI2_5V
20	GND
21	GND

JA7005(PC\_S\_IN)

1	GND
2	PC_SR_IN
3	PC_SL_IN
4	PC_SL_IN
5	PC_SL_IN
6	PC_SR_IN
7	PC_SR_IN

CN608(USB)

1	B5V
2	USB_DN
3	USB_DP
4	GND

JA801S(SIDE HDMI)

1	HDMI3_RX2+
2	GND
3	HDMI3_RX2-
4	HDMI3_RX1+
5	GND
6	HDMI3_RX1-
7	HDMI3_RX0+
8	GND
9	HDMI3_RX0-
10	HDMI3_RXCLK+
11	GND
12	HDMI3_RXCLK-
13	N.C.
14	N.C.
15	HDMI3_DDC_SCL
16	HDMI3_DDC_SDA
17	GND
18	HDMI3_IDENT
19	HDMI3_5V
20	GND
21	GND




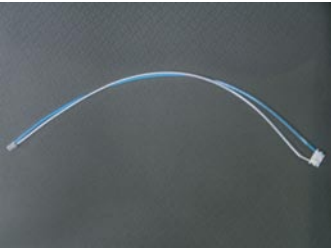

JA804S(to SIDE-AV)

1	GND
2	VIDEO2_SL_IN
3	VIDEO2_SR_IN
4	GND
5	VIDEO2_SR_IN
6	VIDEO2_SL_IN
7	GND
8	VIDEO2_IDENT
9	VIDEO2_CVBS

JA806S(SIDE SVHS)

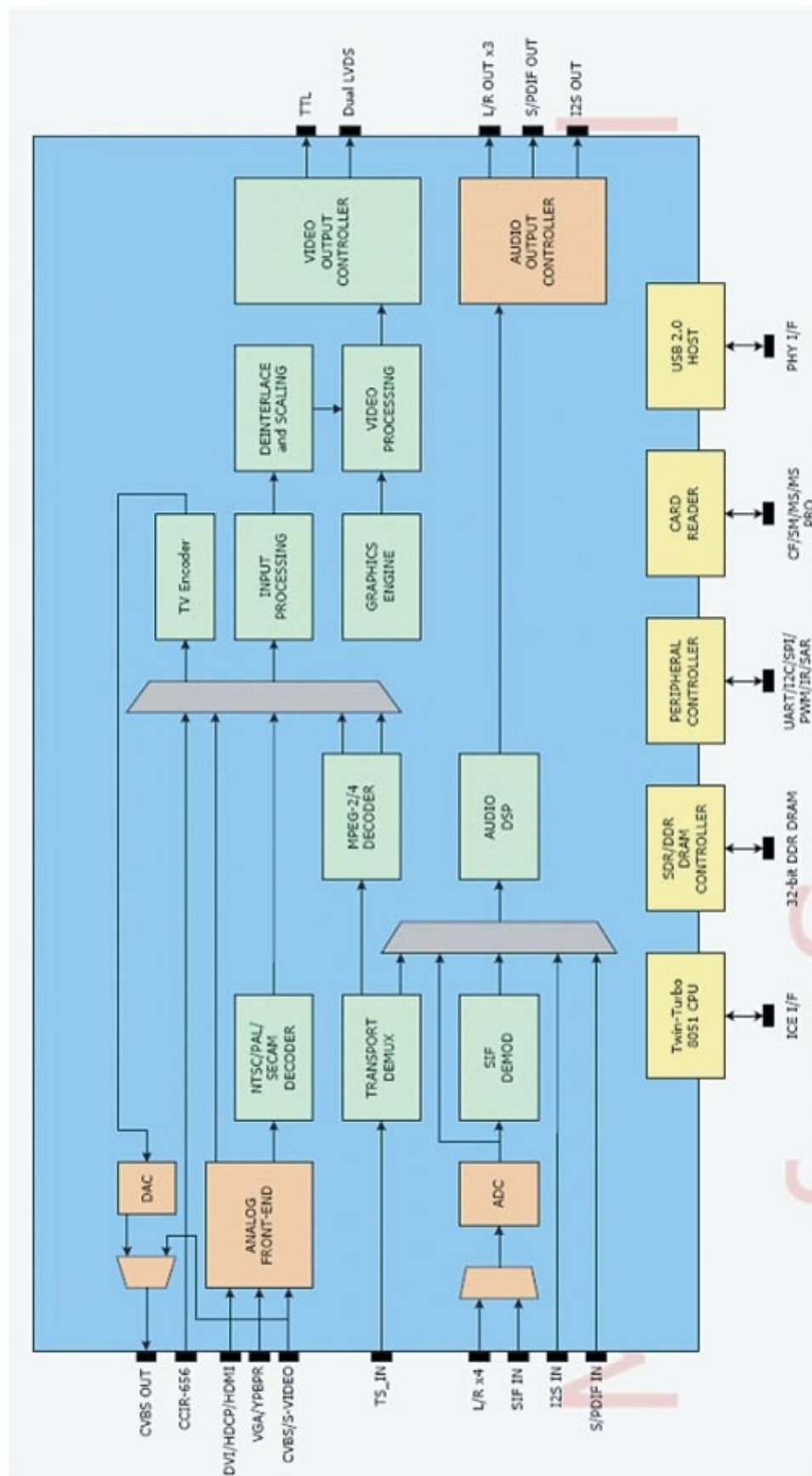
1	SVHS_C
2	SVHS_Y
3	GND
4	GND
5	SVHS_IDENT
6	GND

**6-3. Cables**

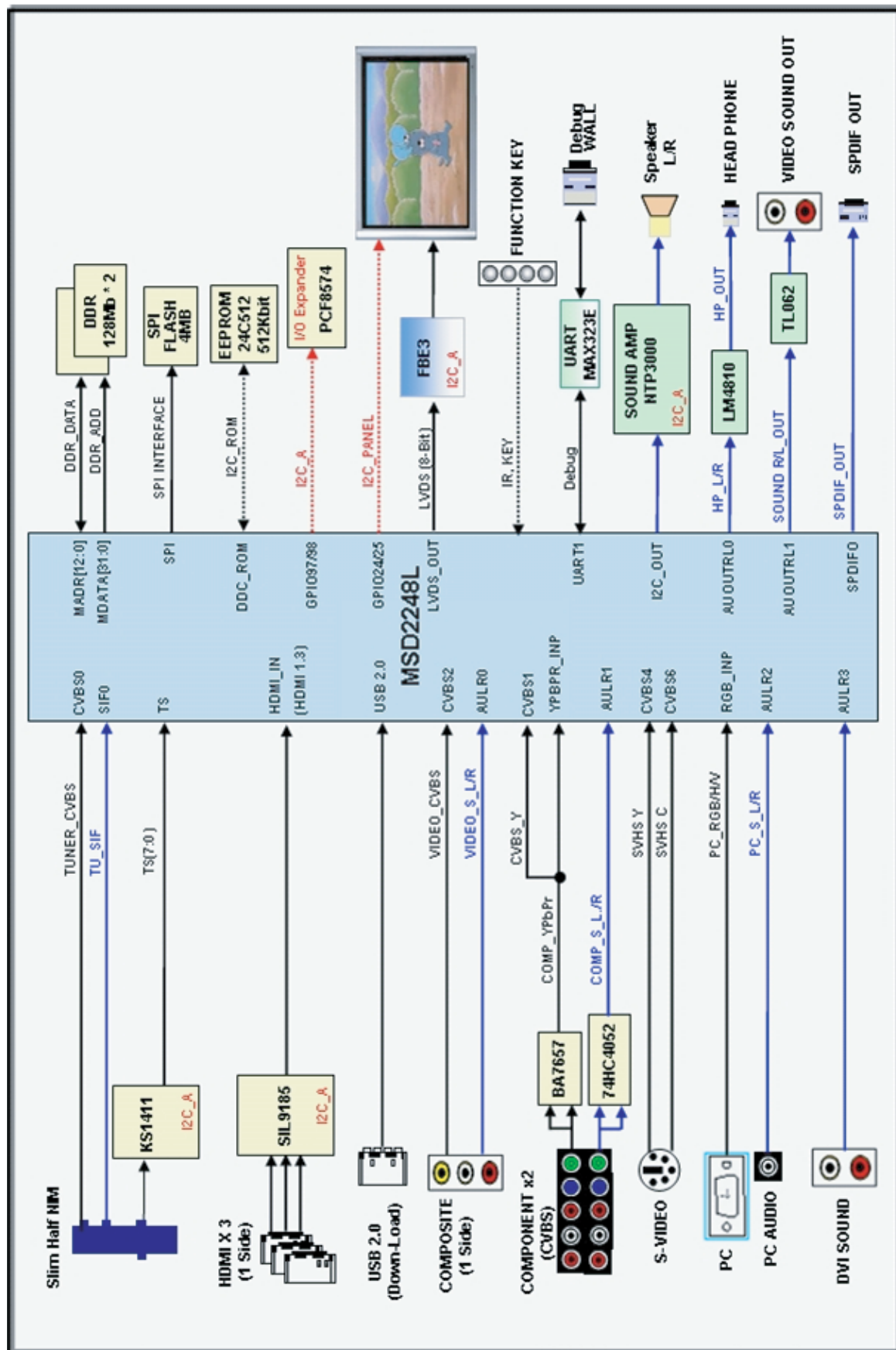
Code	LVDS Cable 26": BN96-07158G(FOLDED 35*270*60mm) 40": BN96-07158E (FOLDED 95*400*140mm)	Power Cable 26": BN39-00802A(100mm) 40": BN39-00802F(200mm)	Dimming Cable 26": BH39-00362G(100mm) 40": BN39-00874D(200mm)
Photo			
Code	2pin High-Voltage Cable BN39-01021A(Only 40")	Feedback Cable BN39-00830C(Only 40")	
Photo			

## 7. Schematic Diagram

### 7-1. Internal Block Diagram of Scaler(MSD2248AL)

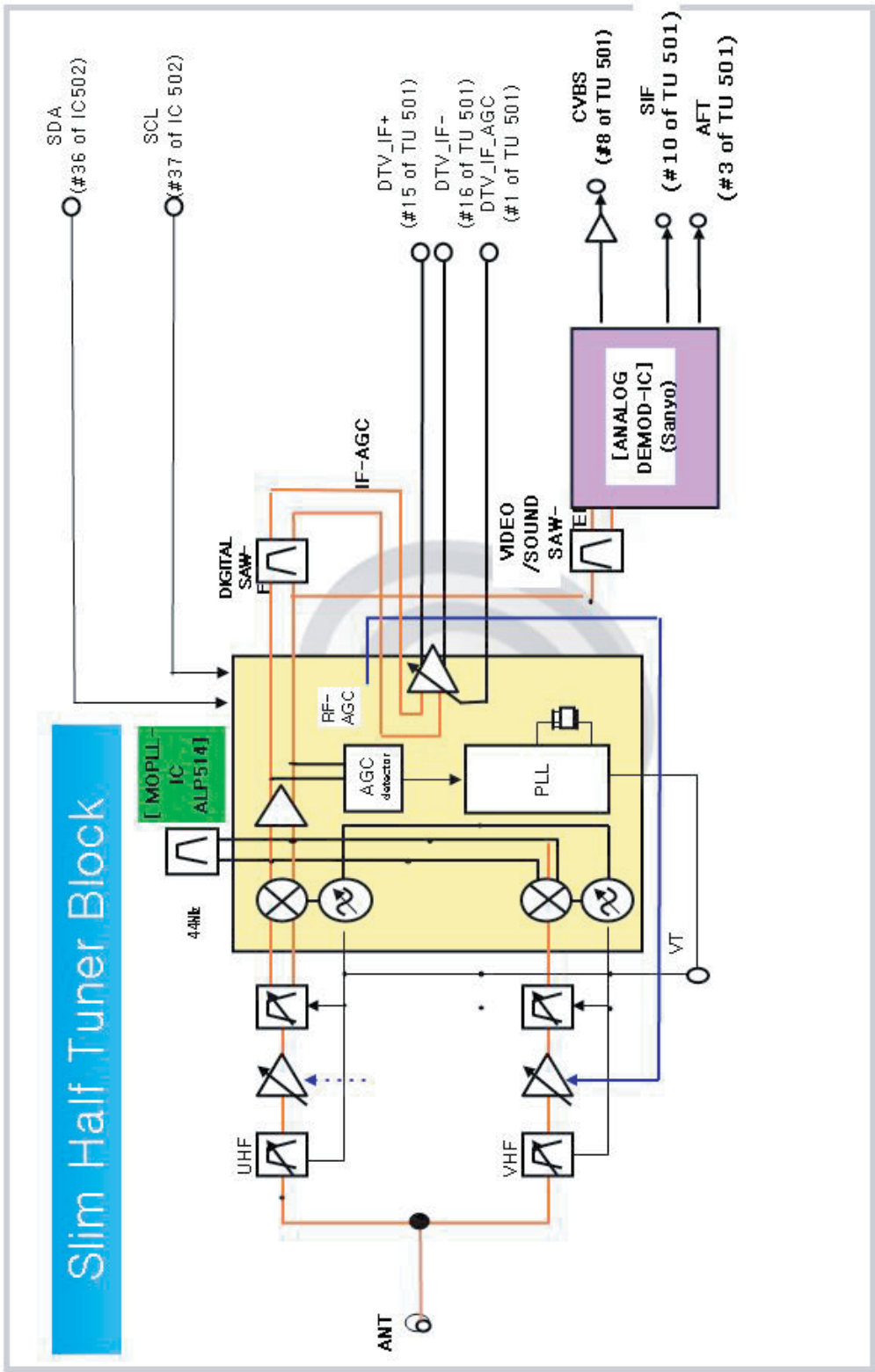


## 7-2. SCHEMATIC Block Diagram



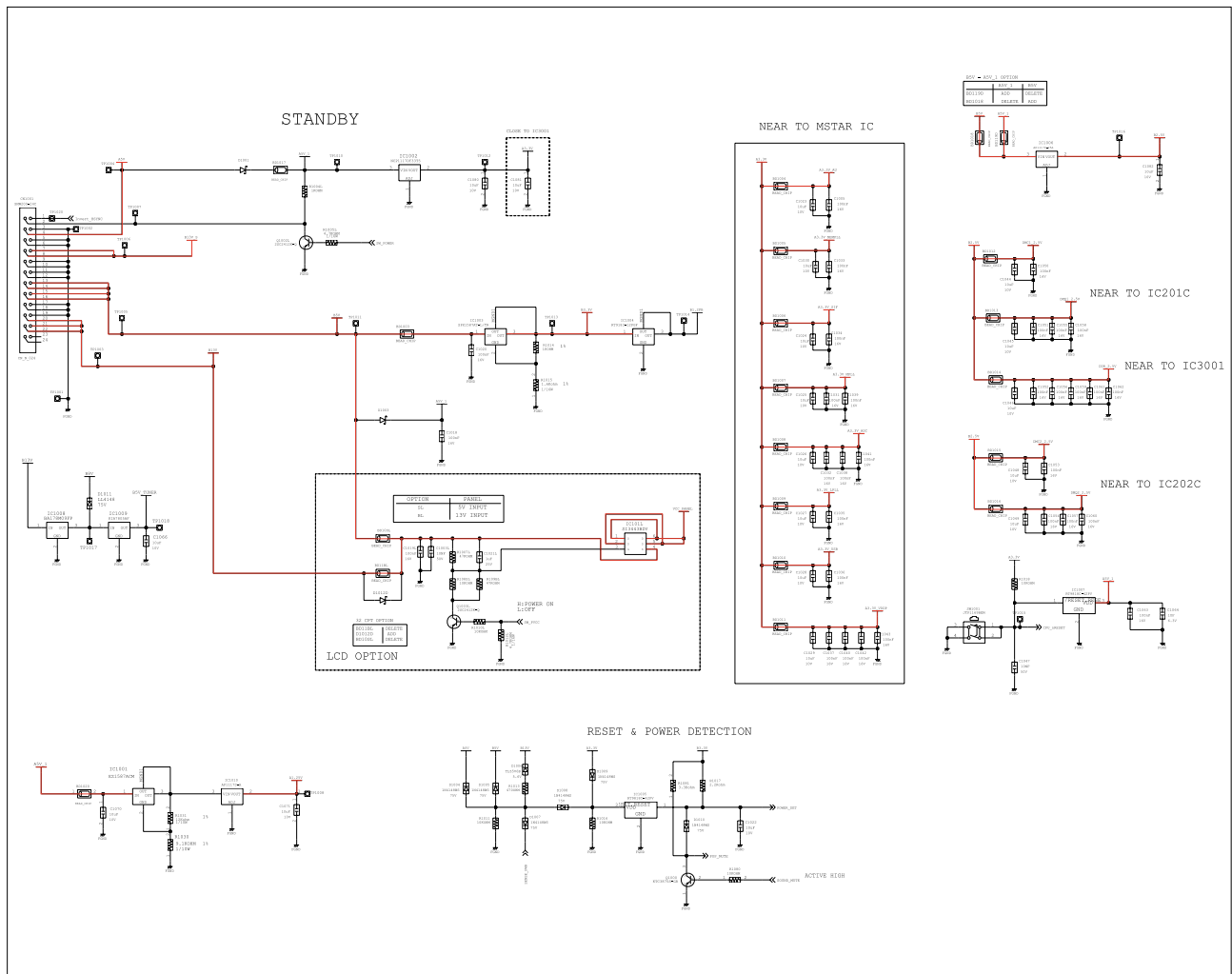


7-3. SlimHalf Tuner Diagram

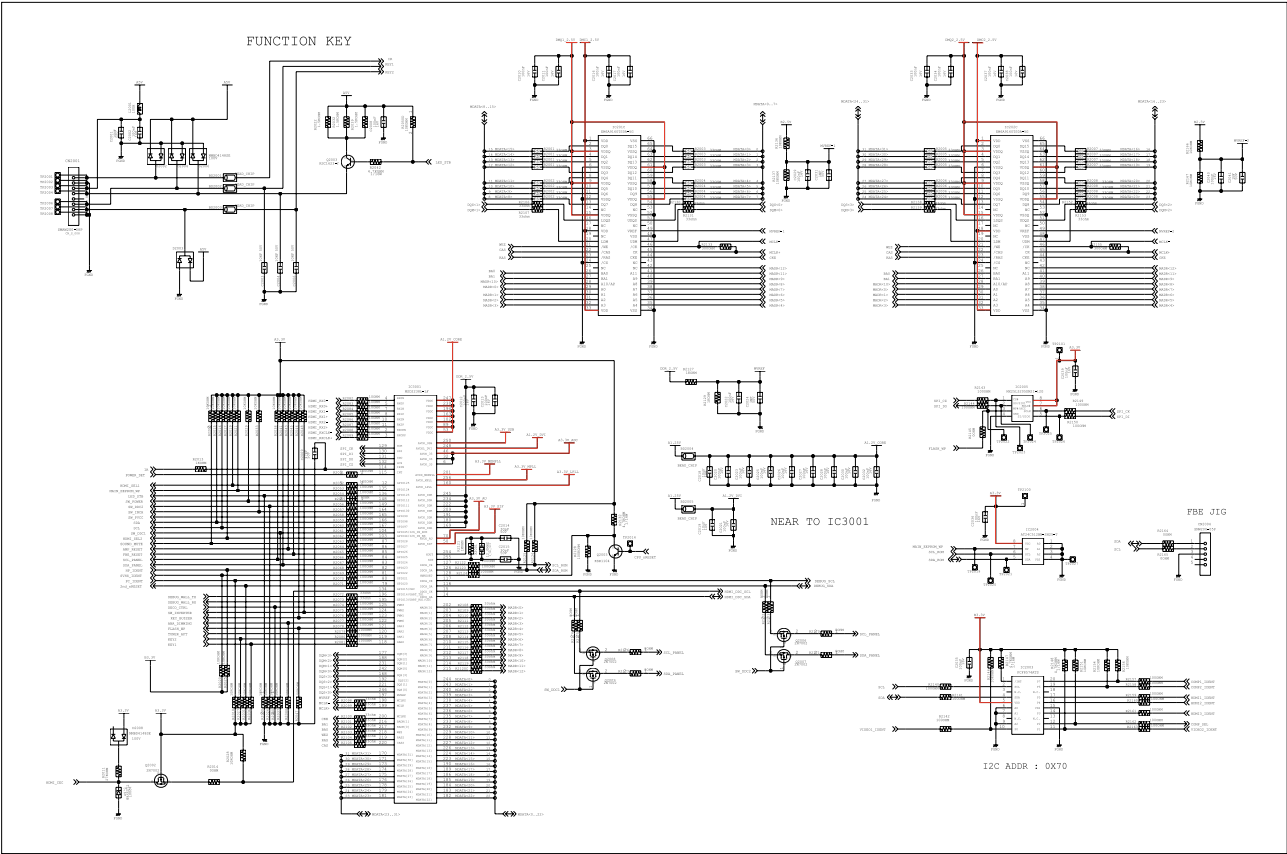


## 7-2. Schematic Diagrams

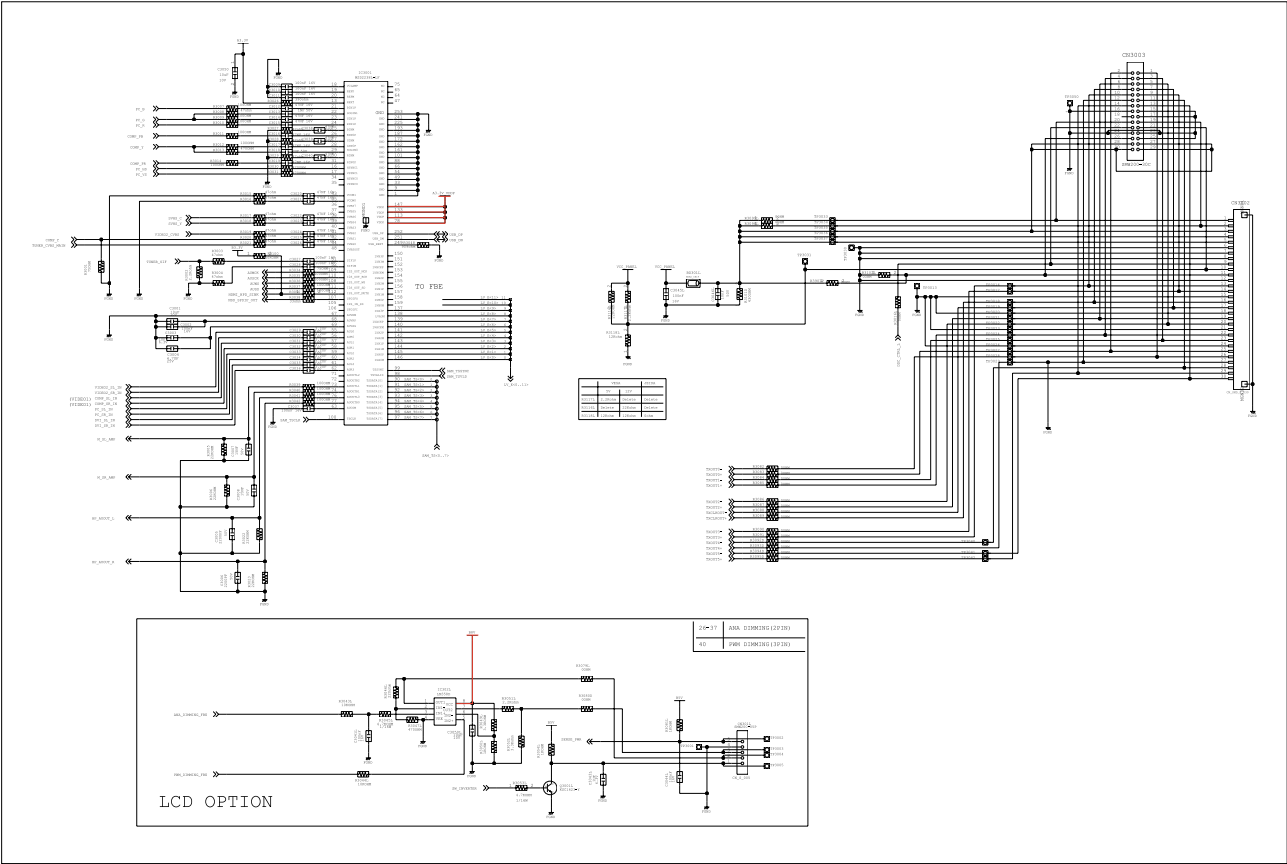
### 7-2-1. STANDBY



7-2-2. FUNCTION KEY

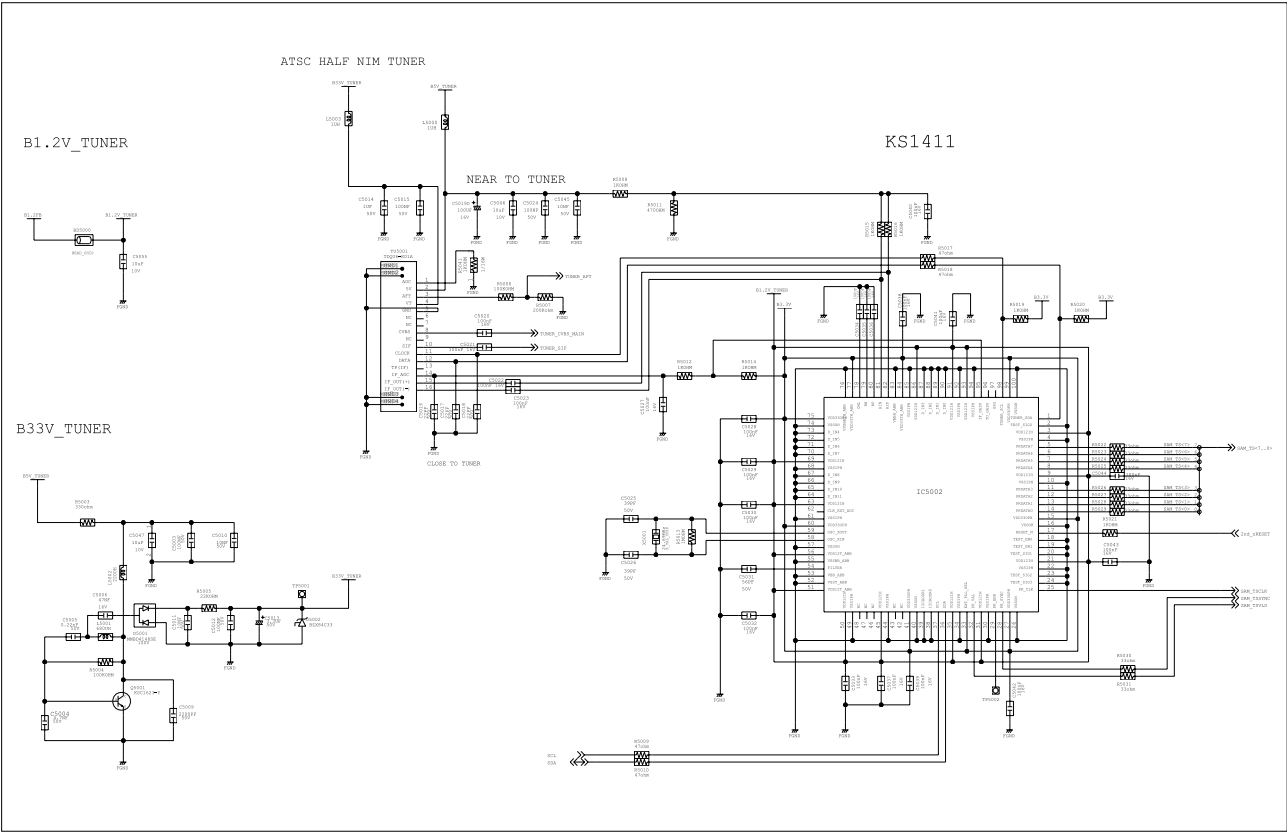


7-2-3. LCD OPTION

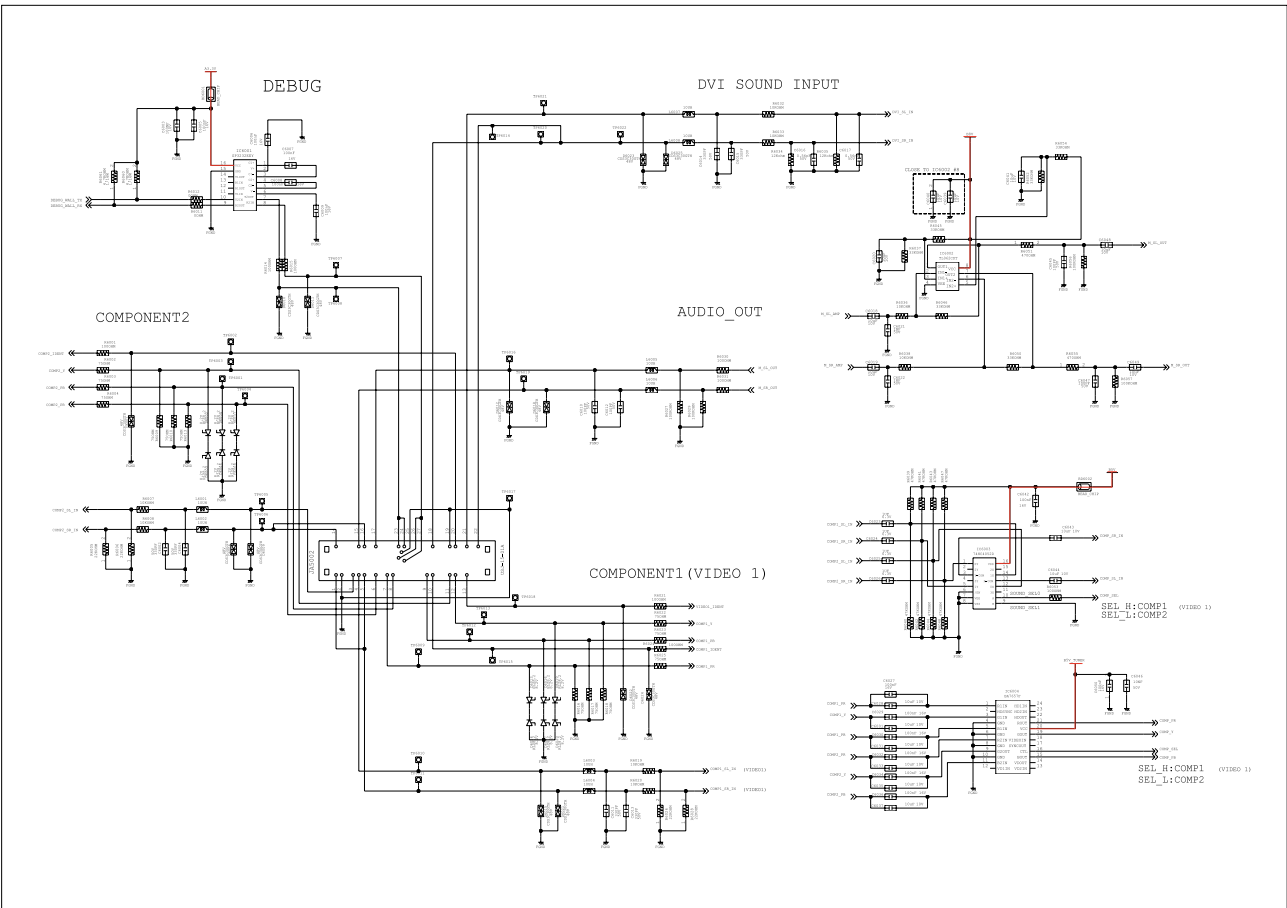




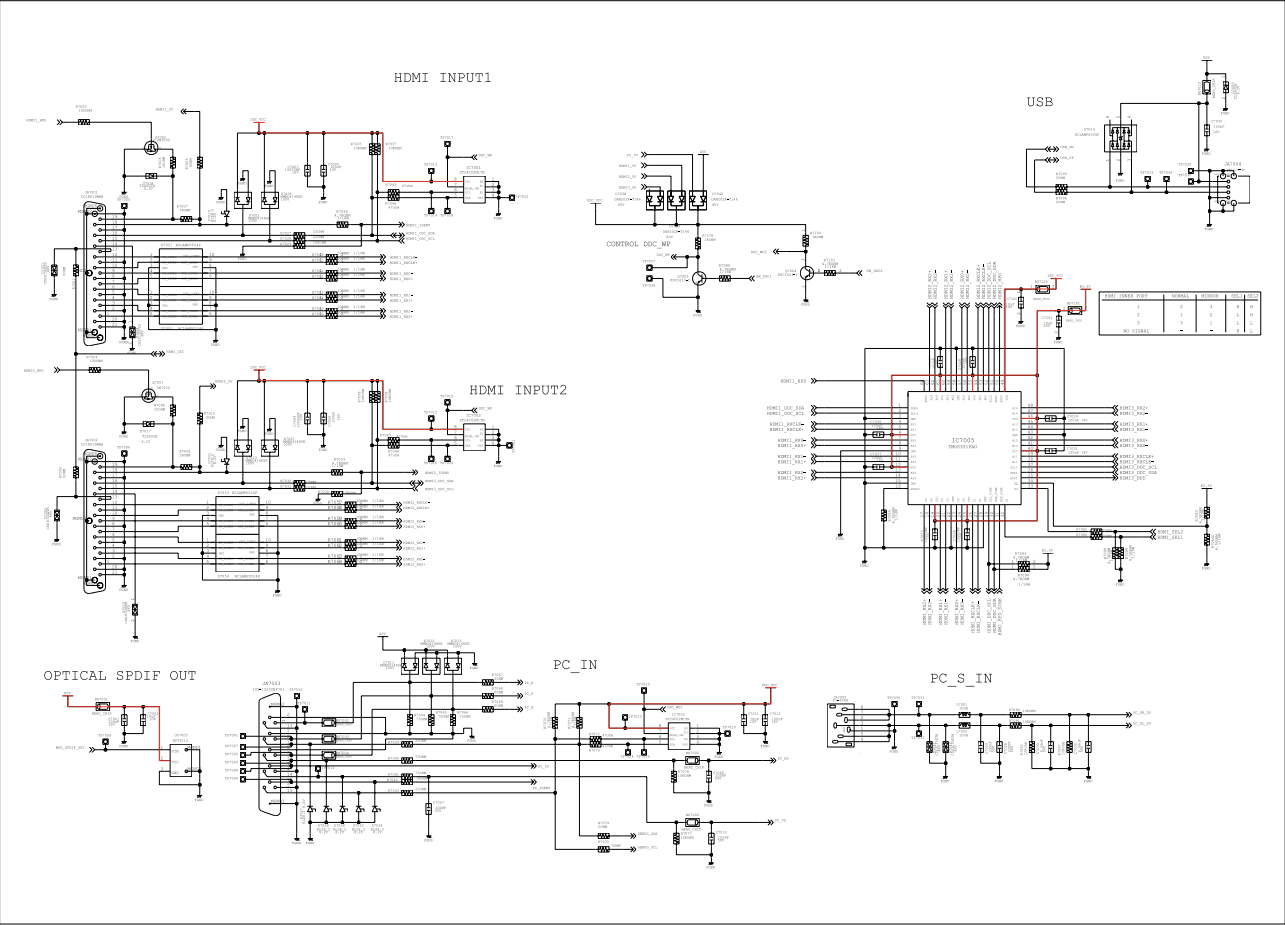
7-2-5. ATSC HALF NIM TUNER



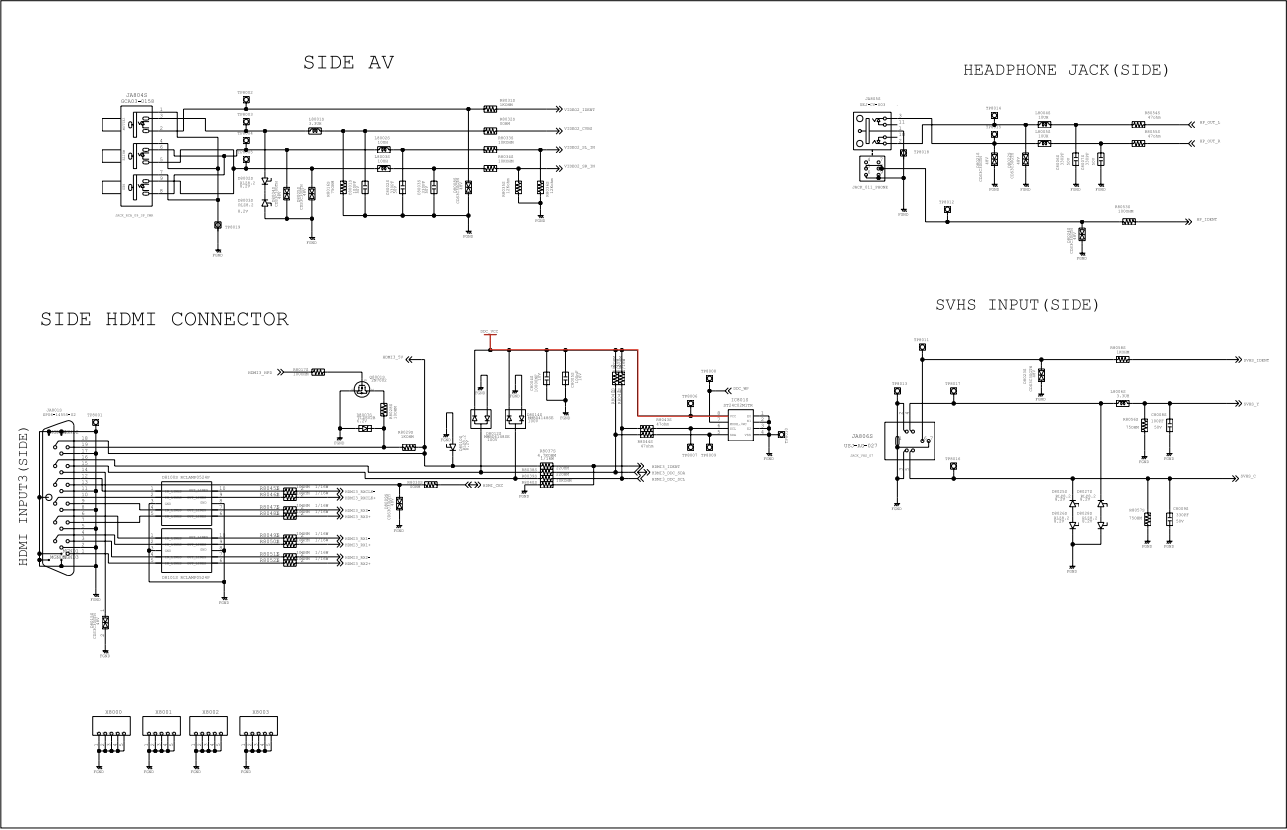
7-2-6. DVI SOUND INPUT



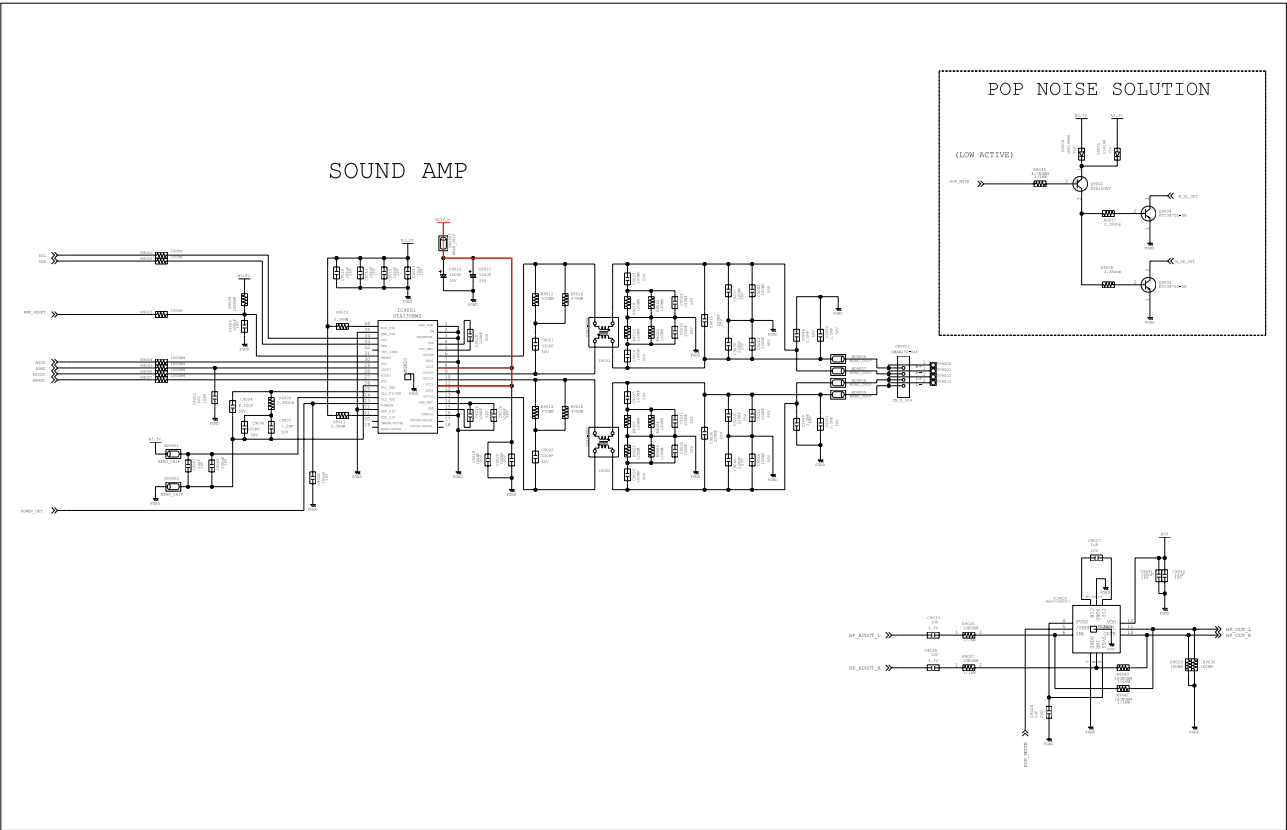
7-2-7. HDMI INPUT



7-2-8. SIDE HDMI CONNECTOR



7-2-9. SOUND AMP





## Memo